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## Announcements<sup>1</sup>

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### EMPLOYMENT AND FELLOWSHIP OPPORTUNITIES

**Faculty Positions in Genetics, University of California at Los Angeles.**—The UCLA Department of Pediatrics is seeking two geneticists (M.D. or M.D./Ph.D) at the assistant- or associate-professor level in tenure-track, state-funded positions. Candidates with experience in molecular dysmorphology and/or gene therapy are encouraged to apply. Board certification/eligibility in clinical genetics is required for the dysmorphologist position and is preferred for the gene therapist position. Send c.v. to Edward R. B. McCabe, Department of Pediatrics, UCLA School of Medicine, Los Angeles, CA 90095-1752. The University of California is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

**Faculty Positions in Molecular and Biochemical Genetics, University of South Alabama.**—The Department of Medical Genetics of the College of Medicine of the University of South Alabama seeks to fill tenure-accruing faculty positions in molecular and biochemical genetics. The vacancies are open-rank positions for board-certified specialists. The university maintains several units committed to facilitate complex research projects (Mass Spectrometry Center, Flow Cytometry Laboratory, Biopolymer Laboratory, and a Primate Center dedicated to reproductive research). Service programs in clinical genetics and cytogenetics are closely linked with regional

facilities, particularly those in Montgomery, Dothan, and adjoining areas of western Florida and Mississippi. The University of South Alabama is an Affirmative Action/Equal Opportunity Education Institution. Send inquiries with c.v. to Dr. Wladimir Wertelecki, Department of Medical Genetics, University of South Alabama, CCCB 214, 307 University Boulevard, Mobile, AL 36688-0002; phone (205) 460-7500; fax (205) 460-7684.

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**Postdoctoral Position, Harvard Medical School at Brigham and Women's Hospital.**—Postdoctoral positions are available to study the molecular pathogenesis of inherited chromosomal instability syndromes and cancer susceptibility, with particular emphasis on Fanconi anemia. Projects will involve the identification of novel cDNAs by expression cloning and protein-interaction studies. Experience in molecular biology, biochemistry, or genetics is desirable. Send c.v. and two letters of reference to Dr. Hagop Youssoufian, Hematology-Oncology Division, Brigham and Women's Hospital, 221 Longwood Avenue, Boston, MA 02115; phone (617) 732-5464.

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**Fellowships for Research on Mucopolysaccharidoses.**—The National MPS Society, Inc. has a program of fellowships to promote research on the mucopolysaccharidoses and closely related disorders. The society is offering up to two postdoctoral fellowships, the Raymond Bryan IV Fellowships in MPS Research, which are renewable for a second year. Applications for postdoctoral fellowships are due August 1, 1995; the starting date can be between October 1, 1995, and July 1, 1996. For additional information and application forms, contact Dr. William Sly, Department of Biochemistry, St. Louis University School of Medicine, 1402 South Grand Boulevard, St. Louis, MO 63104.

1. Announcements are published free of charge for members of The American Society of Human Genetics (ASHG). Please mail announcements to The American Journal of Human Genetics, Department of Pathology, SM-30, University of Washington, Seattle, WA 98195, or fax them to (206) 685-9684. Submission must be received 3 full months before the month of issue in which publication is requested. They must be double spaced with a 1 1/2-inch margin on all sides. The maximum length is 150 words, excluding the address for correspondence. Please include a cover letter indicating the name of the sponsoring ASHG member.

**The Richard M. Goodman Fellowship for Research in Jewish Genetic Diseases.**—The Richard M. Goodman Fellowship provides salary support for a young Israeli M.D. or Ph.D. at the beginning of his or her research career to choose a research preceptor (preferably an internationally renowned investigator in North America) to pursue innovative research on some aspect of a genetic disorder that occurs more frequently in Jewish people. One fellowship of \$15,000 will be awarded annually by the National Foundation for Jewish Genetic Diseases, Inc. The fellowship should be a minimum of 3 months, preferably 6 months or an academic year. Applications are due by December 1, 1995. The fellowship stipend is available after January 1, 1996, and is not renewable. For information and applications, contact Dr. Robert J. Desnick, Department of Human Genetics, Mount Sinai School of Medicine, Fifth Avenue at 100th Street, New York, NY 10029.

**Tenure-Track Position.**—The Department of Biomathematics at the UCLA School of Medicine is recruiting for a faculty member at any level in the areas of mathematical modeling in genetics or cell or molecular biology. It is expected that the successful applicant will have an independent research program in one of these fields and will participate as a thesis director for doctoral students. The teaching load is two courses per year. Salary is negotiable with the chair and the dean. Please send a CV and the names of at least three referees to R. M. Elashoff, Chair, Biomathematics Department, UCLA School of Medicine, P.O. Box 951766, Los Angeles, CA 90095-1766. UCLA is an Affirmative Action Employer.

#### GRANTS FOR TRAVEL AND RESEARCH

The Rockefeller Archive Center, a division of The Rockefeller University, invites applications for its program of Grants for Travel and Research at the Rockefeller Archive Center for 1996. The competitive program makes grants of up to \$1,500 to U.S. and Canadian researchers and up to \$2,000 to researchers from abroad in any discipline, usually graduate students or postdoctoral scholars, who are engaged in research that requires use of the collections at the center. The deadline for applications is November 30, 1995; grant recipients will be announced in March 1996. Inquiries about the program and requests for applications should be addressed to Darwin H. Stapleton, Director, Rockefeller Archive Center, 15 Dayton Avenue, North Tarrytown, NY 10591-1598.

#### WORKSHOP

**5th International Workshop on the Identification of Transcribed Sequences.**—To be held November 5–7,

1995, in Marseilles. The workshop is designed to bring together investigators from laboratories actively engaged in any aspect of the systematic identification and analysis of expressed sequences in mammalian genomes. Topics include, but are not limited to, novel methods for expressed sequence isolation, progress in the construction of transcriptional maps for large genomic regions, use of model organisms, and computer-assisted analysis of genomic DNA and protein sequences. Of particular interest are techniques for assignment of function to novel expressed sequences. Attendance is limited. Participants will be chosen on the basis of the nature of work to be presented, as indicated in an abstract due August 15, 1995. For further information, contact Nan Matthews, Eleanor Roosevelt Institute, 1899 Gaylord Street, Denver CO 80206; phone (303) 333-4515; fax (303) 333-8423; E-mail: nanm@druid.hsc.colorado.edu

#### 9th INTERNATIONAL CONGRESS OF HUMAN GENETICS

The 9th International Congress of Human Genetics will be held August 18–23, 1996, in Rio De Janeiro. For information on program, exhibits, or committees, contact Dr. Henrique Krieger, Secretary General, Organizing Committee, 9th International Congress of Human Genetics, Instituto de Ciencias Biomédicas, Universidade de São Paulo, Caixa Postal 66208, CEP 05389-970, São Paulo, SP, Brazil; phone (55) (11) 818 7328; fax (55) (11) 818 7417 or (55) (11) 210 4817; E-mail: 9ichg@biomed.icb2.usp.br

#### AGING CELL REPOSITORY

The National Institute on Aging (NIA) Aging Cell Repository has human cell cultures from individuals with aging-related conditions. These include disorders of accelerated aging (e.g., progeria, Werner syndrome, Cockayne syndrome, Rothmund-Thomson syndrome, and Down syndrome) and cell cultures from familial Alzheimer disease extended pedigrees. The collection also includes normal human diploid fibroblast cultures (IMR90 and IMR91) and a large collection of skin fibroblast cultures from subjects participating in the NIA-sponsored Gerontology Research Center Baltimore Longitudinal Study of Aging. In addition, the Aging Cell Repository has human and animal differentiated cell cultures (epithelial, endothelial, and smooth muscle), human mammary epithelial and keratinocyte cell cultures, and fibroblast cultures from animals with different life spans. For more information or a catalog of cell lines, contact the NIA Aging Cell Repository, Coriell Cell Repositories, Coriell Institute for Medical Research, 401 Haddon Avenue, Camden, NJ 08103; phone (800) 752-

3805 in the United States or (609) 757-4848 from other countries; fax (609) 757-9737.

#### CEPH GENOTYPE DATABASE

The CEPH maintains a database of genotypes for all genetic markers that have been tested in the reference families for linkage mapping of the human chromosomes (Genomics 6:575–577, 1990). All genotypes contributed to the CEPH database are now available by anonymous FTP server. Version 7.1 (V7.1) contains genotypes for some 6,000 genetic markers, including more than 2,500 microsatellite markers, assigned to all human chromosomes. V7.1 genotypes, pairwise lod scores between marker loci on the same chromosome, and programs for managing the database may be downloaded from the FTP server, for use on a PC. The database may also be downloaded onto a UNIX system. In addition,

the server contains databases for published CEPH consortium maps. The server may be accessed as follows: [ftp ftp.cephb.fr](ftp://ftp.cephb.fr). The directory is /pub/ceph\_genotype\_db.

#### CALL FOR CASES

*Familial Amyotrophic Lateral Sclerosis (ALS).*—Cases of familial ALS are sought for gene linkage/positional cloning studies. Blood or DNA samples from any/all available family members are needed. We are primarily interested in cases of autosomal dominant, non-SOD-1 ALS, but we are also seeking cases of SOD-1-related and juvenile (autosomal recessive) familial ALS. Please contact Daniel R. Rosen, Wadsworth Center for Laboratories and Research, Empire State Plaza, Albany, NY 12201-0509; phone (518) 486-2586; E-mail: [rosen@wadsworth.ph.albany.edu](mailto:rosen@wadsworth.ph.albany.edu)

## Author Index to Volume 56

(ASHG) = American Society of Human Genetics report; (BR) = book review; (E) = editorial; (L) = letter to the editor; (PA) = presidential address

- Abbas, N. E., 91  
Abe, K., 374  
Abeliovich, D., 1173  
Adair, R., 692  
Adès, L. C., 907  
Ad Hoc Committee on Genetic Testing/Insurance Issues, 327 (ASHG)  
Agid, Y., 193  
Airò, P., 898  
Aksentijevich, I., 1297  
Albertsen, H., 484, 500  
Ali, M., 1002 (L)  
Allamand, V., 1417  
Alley, T. L., 1411  
Allotey, R., 336 (L)  
Amalric, P., 396  
Ambach, H., 854  
Amyot, M., 1431  
Anctil, J.-L., 1431  
Anderson, L., 692  
Andersson, B., 898  
Andria, G., 1324  
Antonarakis, S. E., 1502 (L)  
Aoyama, T., 1287  
Apold, J., 278  
Arber, N., 1297  
Arlett, C. F., 167  
Arnqvist, H., 1075  
Aro, A. R., 1493  
Aronovich, E. L., 597  
Arwert, F., 1096  
Arzimanoglou, I., 544 (L)  
ASHG Information and Education Committee, 535 (ASHG)  
Ashizawa, T., 114, 1067  
Athanasou, N., 1186  
Atkinson, A. B., 1075  
Auburger, G., 183  
Audrézet, M. P., 272  
Augarten, A., 1359  
Aula, P., 1238 (L), 1493  
Avner, E. D., 1101  
Axelman, K., 332 (L)  
Aymé, S., 542 (L)  
Ayuso, C., 216  
Babul, R., 243  
Baciliero, U., 337 (L)  
Bady, B., 374  
Bailey, L. C., 938  
Baker, E., 907  
Baldini, A., 1502 (L)  
Baldwin, C. T., 692  
Ball, D., 336 (L)  
Ballard, L., 484  
Baranovskaya, S. S., 278  
Barbier, N., 608  
Bar-David, S., 1173  
Bardoni, B., 862  
Barkardottir, R. B., 254  
Barrow, M. A., 400  
Barth, P. G., 44, 663  
Barton, D., 67  
Basun, H., 332 (L)  
Beckmann, J. S., 1417  
Beiguelman, B., 1179  
Belal, S., 1116  
Bellus, G. A., 368  
Benet, J., 452  
Bengtsson, U., 1162  
Ben Hamida, C., 1116  
Ben Hamida, M., 1116  
Bennett, C. P., 58  
Bennett, R. L., 745  
Benomar, A., 1116  
Berg, M. A., 1287  
Berger, R., 381  
Bergoffen, J., 676  
Bernal, J., 216  
Bernasconi, F., 444  
Bertario, L., 1060  
Besser, G. M., 944  
Betz, R., 1443  
Bhattacharyya, S., 979  
Biancalana, V., 224, 999 (L)  
Bianchi, N. O., 1236 (L), 1247 (L)  
Bignon, Y.-J., 254  
Binkert, F., 444  
Birch, J. M., 254  
Birchfield, R. I., 963  
Bird, T. D., 1007 (BR) (erratum, 1512)  
Bisgaard, L., 1060  
Bishop, T., 265  
Blanco, R., 339 (L)  
Blanton, S. H., 1125  
Bleyl, S., 408  
Blom, H. J., 142  
Boerkoel, C. F., 887  
Boers, G. H. J., 142  
Boerwinkle, E., 1379  
Boles, D. J., 716  
Bolhuis P. A., 44, 1096  
Bologna, J. L., 58  
Bonduelle, M., 272  
Bonilla, E., 1017  
Bonneau, D., 396, 542 (L)  
Bonnet, D., 542 (L)  
Borecki, I. B., 319, 1179  
Borg, A., 254  
Botta, E., 167  
Bourge, U., 1417  
Bowden, D. K., 294  
Boyle, R., 1443  
Brandi, M. L., 1075  
Braun, A., 854  
Braun, S. E., 597  
Brautbar, C., 1359  
Breast Cancer Linkage Consortium, 254, 265  
Brenguier, L., 1417  
Brenn, T., 1287  
Breuning, M. H., 654, 663  
Brice, A., 193, 1116  
Brister, J. R., 75  
Brody, L. C., 616  
Broughton, B. C., 167  
Broux, O., 1417  
Brown, A., 630  
Brown, E. M., 1075  
Brown, R. H., 592  
Brown, S., 1379  
Brueton, L. A., 58, 938  
Brugnoli, D., 898  
Brzustowicz, L. M., 202, 210  
Bu, X., 287  
Buchanan, J. A., 243

- Buetow, K. H., 310  
 Bunker, C. H., 461  
 Burghes, A. H. M., 158  
 Burke, W., 1007 (BR)  
 Burn, J., 58  
 Burt, M. J., 428  
 Buu, N. T., 845
- Cahalane, S. F., 278  
 Cai, W., 1005 (L)  
 Callen, D. F., 663  
 Campbell, H. D., 175  
 Campeau, E., 243  
 Campiotto, S., 99  
 Camuzat, A., 396  
 Cancel, G., 193  
 Cann, H. M., 193  
 Cann, R. L., 349 (BR), 1248 (L)  
 Cappelli, M., 760  
 Cardon, L. R., 1224  
 Carey, J. C., 1249 (BR)  
 Carinci, F., 337 (L)  
 Carlson, C., 1391  
 Carpenter, N., 1304  
 Carr, A., 1186  
 Carreño, H., 339 (L)  
 Carrington, M., 1350  
 Carter, T. A., 202  
 Cartwright, P., 500  
 Casals, T., 623  
 Caskey, C. T., 114  
 Cats, A., 1060  
 Cavagni, G., 898  
 Cavalli-Sforza, L. L., 979  
 Ceballos-Picot, I., 592  
 Cellier, M., 845  
 Cerqueira, A., 99  
 Chakraborty, R., 461  
 Chalifaux, M., 1147  
 Chamberlain, S., 336 (L)  
 Chandrashekharappa, S., 705  
 Chang-Claude, J., 254  
 Chansky, H., 1132  
 Charmley, P., 963  
 Chen, K.-S., 175  
 Cherney, S. S., 1224  
 Chery, M., 1108  
 Chew, S. L., 944  
 Chiannikulchai, N., 1417  
 Chiba, O., 1359  
 Chiffelle, I., 339 (L)  
 Childs, B., 359  
 Chillón, M., 623  
 Chneiweiss, H., 193  
 Chou, Y.-H. W., 1075
- Chun, K., 558  
 Church, D. M., 1162  
 Cieply, K., 452  
 Cisternino, M., 862  
 Cleaver, J. E., 1257 (E)  
 Clegg, J. B., 294  
 Clerget-Darpoux, F., 1080  
 Cockburn, F., 278  
 Cohen, M. M., 1 (PA)  
 Cohen, D., 999 (L), 1417  
 Cohn, D. H., 388  
 Cole, D. E. C., 558, 880  
 Cole, J., 167  
 Collins, J., 1391  
 Concannon, P., 963  
 Conneally, P. M., 1417  
 Connolly, C., 216  
 Conrad, E. U., 1132  
 Cook, E. H., Jr., 993  
 Cooper, J. M., 1026  
 Cornelis, R. S., 254  
 Côté, G., 1431  
 Cote, G. J., 416  
 Cotton, R. G. H., 1034  
 Cox, D. W., 828 (E), 1140, 1315  
 Cox, N. J., 993  
 Cox, T. M., 1002 (L)  
 Cremers, C. W. R. J., 216  
 Croke, D. T., 278  
 Cruciani, F., 1005 (L)  
 Cullen, M., 1350  
 Cunniff, C., 676  
 Curioni, C., 337 (L)  
 Curran, J. L., 684  
 Curtis, D., 811 (L)
- Dahl, H.-H. L., 553 (E)  
 Dahl, N., 224, 999 (L), 1108  
 Dai, X. Y., 335 (L)  
 Daly, M.J., 519  
 Damen, R., 183  
 Das, K., 210  
 Das, S., 570  
 Das Gupta, R., 1391  
 Davies, K., 67  
 de Andrade, M., 1379  
 DeCroo, S., 461  
 Deere, M., 698  
 Defesche, J. C., 1096  
 de Franchis, R., 1324  
 Deka, R., 461  
 Del Bono, E. A., 1240 (L)  
 Delhomme, B., 1367  
 Dell'Aquila, M., 676  
 Dembure, P. P., 630, 640
- DeMeester, C. A., 287  
 Deng, G. Y., 528  
 Denning, C., 544 (L)  
 DePaulo, J. R., 1277  
 Der Kaloustian, V. M., 243  
 Deschamps, I., 1080  
 Deufel, T., 684, 1334  
 Devaud, C., 1417  
 Devilee, P., 254  
 de Vos, N., 654, 663  
 Devys, D., 106  
 Dharmavaram, R., 692  
 Dib, M., 592  
 Di Donato, S., 91, 1116  
 DiMauro, S., 1017  
 Djian, P., 1367  
 Doerflinger, N., 1116  
 Doggett, N., 663  
 Dooley, T. P., 663  
 Dörk, T., 623  
 Dorosz, S., 422  
 Doyle, J., 915  
 Dreyfus, M., 608  
 Dubourg, O., 193  
 Dubowitz, V., 151  
 Du Chesne, I., 1334  
 Duckett, D. P., 400  
 Dufier, J.-L., 396  
 Dunham, I. 1391  
 Dunn, M. A., 647  
 Durfy, S. J., 1008 (BR)  
 Dürr, A., 193, 1116  
 d'Urso, M., 1108
- Easton, D. F., 254, 265  
 Echenne, B., 374  
 Eckhart, M., 1067  
 Ehrlich, P., 577  
 Eiken, H. G., 278  
 Eisensmith, R. C., 278  
 Elbaz, A., 374  
 Elkana, Y., 1194  
 Ellis, R., 684  
 Elsaas, L. J. II, 630, 640  
 Elsner, T. I., 484, 500  
 Elston, R. C., 15 (E)  
 Engbersen, A. M. T., 142  
 Ergaz, Z., 1173  
 Erlich, H., 1350  
 Estivill, X., 623  
 Estop, A. M., 452  
 Evans, G. A., 676, 705  
 Evans, J. P., 342 (L)  
 Evinger, J., 630  
 Exelbert, R., 131, 887

- Eyre, D. R., 388  
 Ezoe, K., 58
- Falabella, R., 58  
 Fardeau, M., 374, 1108, 1417  
 Farrer, L. A., 692  
 Fasth, A., 898  
 Federico, A., 558  
 Feingold, E., 475  
 Feingold, N., 374  
 Feist, Y., 1334  
 Feitosa, M. F., 1179  
 Feldman, G. J., 938  
 Feng, Y., 106  
 Férec, C., 272  
 Ferlinz, K., 1343  
 Fernhoff, P., 630  
 Ferrell, R. E., 461, 812 (L)  
 Fex, J., 75  
 Figlewicz, D. A., 592  
 Fink, J. K., 188  
 Fisch, G. S., 1147  
 Fisher, J. M., 669  
 Flannery, A., 67  
 Flint, A., 926  
 Flint, J., 400  
 Florence, J., 158  
 Fodde, R., 1060  
 Fois, A., 558  
 Fonknechten, N., 623  
 Fontaine, B., 374  
 Fontaine, G., 616  
 Ford, D., 254, 265  
 Fougerousse, F., 1417  
 Francis, J. L., 428  
 Francke, U., 1287  
 Francomano, C. A., 368  
 Franken, D. G., 142  
 Frants, R. R., 99, 374  
 Frappier, D., 845  
 Fraumeni, J. Jr., 608  
 Frebourg, T., 608  
 Fridovich-Keil, J. L., 630, 640  
 Friedlander, Y., 1194  
 Friend, S. H., 608  
 Frosst, P., 1052  
 Fryer, A., 1304  
 Fryns, J.-P., 67, 676  
 Fujii, H., 1243 (L)  
 Fujiwara, M., 845  
 Fujiwara, Y., 1267  
 Fukai, K., 1320  
 Fulker, D. W., 1224  
 Furthmayr, H., 1287
- Gadgil, M., 979  
 Gallion, H. H., 254  
 Ganau, A., 151  
 Ganczakowski, M., 294  
 Garber, J. E., 254, 608  
 Gardiner, R. M., 654  
 Gärtner, J., 854  
 Garver, B. L., 1246 (L)  
 Garver, K. L., 1246 (L)  
 Gasner, C., 1287  
 Gasser, D. L., 938  
 Gatto, E. M., 58  
 Gécz, J., 907  
 Gedeon, A., K., 907  
 Gelernter, J., 1262 (E)  
 Gerber, S., 396  
 Gerken, S. C., 484, 500  
 Germino, G. G., 1101  
 Gersh, M., 1404  
 Gieselmann, V., 51  
 Gigarel, N., 542 (L)  
 Gilbert, F., 544 (L)  
 Gilbert-Dussardier, B., 542 (L)  
 Gilgenkrantz, S., 1108  
 Giliani, S., 898  
 Gill, T. J. III, 1456  
 Gilliam, T. C., 202, 210  
 Giménez, J., 623  
 Gispert, S., 183  
 Gitschier, J., 570  
 Glinski, L. P., 732  
 Goldberg, R., 1391  
 Goldgar, D. E., 254  
 Goldman, A., 1373  
 Goldwurm, S., 428  
 Golomb, E., 1297  
 Goltsov, A. A., 278  
 Goodart, S. A., 1404  
 Gos, A., 1502 (L)  
 Goshen, R., 1359  
 Gotto, A. Jr., 1379  
 Goutières, F., 1116  
 Gouyon, J. B., 1108  
 Goyette, P., 1052  
 Grace, E., 676  
 Graham, J. M. Jr., 676  
 Gray, B. A., 1411  
 Gray, R. J., 287  
 Grazia Sacco, M., 898  
 Green, H., 1367  
 Greenberg, F., 175, 1156  
 Greenberg, J., 216  
 Grewal, P., 67  
 Griffioen, G., 1060  
 Grimm, T., 1334
- Gros, P., 845  
 Gruber, H. E., 388  
 Grundfast, K. M., 75  
 Grunfeld, J. P., 374  
 Guay-Woodford, L. M., 1101  
 Gudmundsson, G., 1140  
 Guillot, A. P., 1101  
 Guimaraes, J., 374  
 Guldberg, P., 278  
 Gunaratne, P. H., 175  
 Gunter, K., 1042  
 Guo, S.-W., 1468  
 Güttler, F., 278  
 Gyapay, G., 1116
- Haines, J. L., 1240 (L)  
 Haites, N., 254  
 Hakonen, A., 1493  
 Halliday, J. W., 428  
 Hallman, D. M., 416  
 Halloran Blanton, S., 698  
 Hamada, T., 231  
 Hamanishi, J., 745  
 Hamann, U., 254  
 Hammer, M. F., 951 (erratum, 1512)  
 Han, F. Y., 592  
 Hanauer, A., 224  
 Hanna, M. G., 1026  
 Hansen, M. F., 1125  
 Hao, H., 1017  
 Harcourt, S. A., 167  
 Harding, A. E., 1026  
 Harel, D., 1297  
 Harris, D. J., 1404  
 Hartung, E. J., 684, 1334  
 Harvey, J. F., 669  
 Hassold, T. J., 915  
 Hastings, V. A. 760  
 Hattori, M., 335 (L)  
 Hausmanowa-Petrusewicz, I., 210  
 Heath, H. III, 944  
 Heath, B., 944  
 Hebert, J. M., 979  
 Hecht, J. T., 368, 698, 1125  
 Hefferon, T. W., 368  
 Heilinger, D., 684  
 Heine, U., 1505 (L)  
 Heinisch, J., 131  
 Heinisch, U., 51  
 Helliwell, T. R., 725  
 Hemann, M., 302  
 Hendy, G. N., 880  
 Hentati, F., 1116  
 Héon, E., 1431

- Herrin, J., 1101  
 Heyberger, S., 224  
 Heyer, E., 970, 1450  
 Heytens, L., 684  
 Hietala, M., 1493  
 Hill, V. M., 944  
 Hill, W. G., 18  
 Hirono, A., 1243 (L)  
 Hirono, K., 1243 (L)  
 Hirst, M., 67  
 Hjelm, L N., 630  
 Ho, H.-N., 1456  
 Ho, L., 58  
 Hodge, S. E., 33  
 Hoeijmakers, J. H. L., 167  
 Hoffman, E. P., 350 (BR)  
 Hogue, D., 1125  
 Hoheisel, J. D., 175  
 Holden, J. J. A., 1147  
 Holik, P., 484  
 Holleman, R., 1101  
 Holmberg, E., 1304  
 Holmes, S. A., 58, 1320  
 Honeyman, K., 422  
 Hopkins, S. D., 1101  
 Hopper, J. L., 753  
 Horai, S., 951 (erratum, 1512)  
 Hors, J., 1080  
 Horton, V. K., 732  
 Horton, W. A., 368  
 Howard-Peebles, P. N., 1147  
 Hu, L. J., 1108  
 Huff, V., 84, 944  
 Huggins, R. M., 753  
 Hulsebos, T. J. M., 1096  
 Hultner, M. L., 1257 (E)  
 Hundrieser, J., 461  
 Hunter, A. G. W., 760, 1009 (BR)  
 Hurwitz, R., 1343
- Ihara, T. 231  
 Ing, P. S., 216  
 Irons, D. A., 1101  
 Irven, C., 1186  
 Ishii, A., 1243 (L)  
 Ishii, N., 58  
 Itoh, T., 1267  
 Iwabuchi, K., 231
- Jackson, C. E., 944, 1417  
 Jacobs, P. A., 669, 915  
 Jaffe, N., 84  
 Janicic, N., 880  
 Jara, L., 339 (L)  
 Järvelä, I. E., 654
- Jaspers, N. G. J., 438  
 Jazwinska, E. C., 428  
 Jenkins, T., 586, 1373  
 Jensson, Ó., 1140  
 Jesudasan, R. A., 705  
 Jimenez, S., 692  
 Jin, K., 1456  
 Jin, L., 461  
 Jones, M. C., 676  
 Jones, O. W., 676  
 Jones, S. M., 188  
 Jongmans, W., 438  
 Jonsson, J. J., 597  
 Jorde, L. B., 11 (E), 347 (BR)  
 Jouet, M., 1304  
 Jurkat-Rott, K., 374  
 Juvonen, V., 1238 (L)
- Kääriäinen, H., 907  
 Kafert, S., 51  
 Kaitila, I., 368  
 Kakulas, B. A., 422  
 Kalman, Y. M., 1359  
 Kaltwaßer, P., 862  
 Kammerer, S., 854  
 Kaneko, A., 294  
 Kaplan, J., 396  
 Kaplan, N. L., 18  
 Kark, J. D., 1194  
 Kasaboski, A., 760  
 Kastner, D. L., 1297  
 Katz, G., 1297  
 Kawada, Y., 335 (L)  
 Kayden, H., 1116  
 Keating, M. T., 1156  
 Keinänen, M., 907  
 Keith, C. G., 616  
 Kelsell, D. P., 254  
 Kemp, S., 44  
 Kenrick, S., 1304  
 Kere, N., 1243 (L)  
 Kerem, B., 1359  
 Kerem, E., 1359  
 Ketterling, R. P., 343 (L)  
 Khan, P. M., 1060  
 Khoury, M. J., 835  
 Kieffer, J. E., 993  
 Kimberling, W. J., 216  
 King, M. D., 167  
 Kioschis, A. Gal. P., 1108  
 Klausnitzer, M., 684  
 Kleibeuker, J., 1060  
 Kleijer W. J., 44  
 Kleyn, P. W., 202, 210  
 Klitz, W., 1350
- Klockgether, T., 183  
 Koenig, M., 1116  
 Kohlschütter, A., 1116  
 Kolodner, R., 1250 (BR)  
 Kolski, C., 224  
 Koskinen, T., 1088  
 Kousseff, B., 676  
 Kozak-Ribbens, G., 684  
 Kozman, H., 422  
 Kozyra, A., 769  
 Krahe, R., 1067  
 Krasowski, M. D., 993  
 Kraus, J. P., 1324  
 Kreuz, F., 183  
 Krieger, H., 1179  
 Krizus, A., 592  
 Kruglyak, L., 519, 1212  
 Kucherlapati, R., 1391  
 Kukolich, M., 342 (L)  
 Kunkel, L. M., 202  
 Kuzmin, A. I., 278
- Laing, B. A., 422  
 Laing, N. G., 422  
 Lakkis, L., 106  
 Lalande, M., 926  
 Lalwani, A. K., 75  
 Lamb, N. E., 475  
 Lamers, W. H., 381  
 Lamminen, T., 1238 (L)  
 Lander, E. S., 519, 1212  
 Landrieu, P., 1116  
 Lange, B. M., 188  
 Lange, K., 1506 (L)  
 Langer, L. O., 698  
 Langley, S. D., 630, 640  
 Lannfelt, L., 332 (L)  
 Lapie, P., 374  
 Laporte, J., 999 (L)  
 Larsson, C., 1443  
 Lasseter, V. K., 1502 (L)  
 Lawrence, E., 484  
 Lee, S. C., 428  
 Lee, S.-H., 1411  
 Lehman-Horn, F., 684  
 Lehmann, A. R., 167  
 Lehmann-Horn, F., 374, 1334  
 Le Merrer, M., 542 (L)  
 Lennon, J. C., 640  
 Lenoir, G., 374  
 Leonard, J. C., 926  
 Leonard, J. V., 400  
 Le Paslier, D., 999 (L), 1116  
 Leppert, M. F., 188, 408, 944  
 Lerer, I., 1173

- Lesicki, A., 188  
 Leventhal, B. L., 993  
 Leverton, K., 400  
 Levinson, B., 570  
 Levinson, D., 1359  
 Levy, J., 898  
 Li, F. P., 608  
 Li, W., 1287  
 Li, Z., 544 (L)  
 Liao, D., 343 (L)  
 Liberman, U., 1297  
 Lien, L., 202  
 Ligtenberg, M. J. L., 44, 1096  
 Lilius, L., 332 (L)  
 Lindblad, K., 1443  
 Lindblom, A., 254  
 Linder, C., 1116  
 Lindhout, D., 1060  
 Lindsay, E. A., 1502 (L)  
 Links, T. P., 374  
 Lissens, W., 272  
 Liu, J., 845  
 Livingston, R. J., 577  
 Loader, S., 769  
 Lochner-Doyle, D., 745  
 Loesch, D. Z., 753  
 Lohman, P. H. M., 438  
 Long, J. C., 799  
 Lorda-Sanchez, I., 444  
 Lorenzetti, D., 91  
 Loughlin, J., 1186  
 Luande, J., 1320  
 Ludwig, K., 310  
 Lunardi, J., 684  
 Lungarotti, M. S., 1096  
 Lunt, P. W., 1101  
 Lupski, J. R., 91, 175  
 Lusis, A. J., 287  
 Luzzatto, L., 294  
 Lynch, H. T., 254  
 Lyonnet, S., 542 (L)
- Macchi, P., 898  
 Machado, M., 368  
 MacKay, N., 558  
 McLaren, N. K., 528  
 Maddalena, A., 1147  
 Madgar, I., 1359  
 Magenis, R. E., 1042  
 Maha, G. C., 1505 (L)  
 Maher, E., 67  
 Majander, A., 1238 (L)  
 Malingré, H. E. M., 381  
 Mallette, L. E., 944
- Mandel, J.-L., 44, 999 (L), 1108, 1116  
 Manfredi, G., 1017  
 Mantuano, E., 898  
 Marazita, M. L., 350 (BR)  
 Margaritte-Jeannin, P., 1080  
 Marie, S. K., 99  
 Markel, D. S., 745  
 Márquez, C., 452  
 Martinez, I., 248  
 Martini, A., 216  
 Martorell, M. R., 452  
 Marx, S., 1075  
 Mason, G. C., 1505 (L)  
 Massa, H. F., 926  
 Mastaglia, F. L., 422  
 Mathew, P. M., 416  
 Mathieu, M., 224  
 Matseoane, D., 210  
 Matsushita, M., 1132  
 Mattei, M.-G., 542 (L)  
 Mattina, T., 676  
 Mazur, L. A., 640  
 McCaskill, C., 1156  
 McEwen, J. E., 1477, 1487  
 McIntosh, I., 368  
 McKeown, C., 1304  
 McMahon, F. J., 1277  
 Meijers-Heijboer, A., 1060  
 Meininger, V., 592  
 Melis, M. A., 151  
 Mendell, J. R., 158  
 Menko, F. H., 1060, 1096  
 Mercier, B., 272  
 Meredith, C., 422  
 Merriwether, D. A., 812 (L)  
 Meschino, W., 243  
 Meyers, D. A., 1251 (BR), 1277  
 Michaud, J., 616  
 Migeon, B. R., 647  
 Miklos, G. L. G., 175  
 Milani, M., 216  
 Miller, D. C., 1287  
 Miller, F. W., 887  
 Mitchell, G. A., 616  
 Mitchison, H. M., 654  
 Miwa, S., 1243 (L)  
 Modiano, D., 1005 (L)  
 Mohr, J., 1060  
 Mole, S. E., 654, 663  
 Molecular Genetic Study Group, 760  
 Möller, C., 216  
 Monckton, D. G., 114  
 Moncla, A., 1304
- Monnier, N., 374  
 Monsieurs, K., 684  
 Moore, M., 484  
 Moraes, C. T., 1017  
 Morali, F., 898  
 Moreno, F., 248  
 Morgan, K., 845  
 Morgan-Hughes, J. A., 1026  
 Morissette, J., 1431  
 Morris, G. E., 725  
 Morris, M. A., 1502 (L)  
 Morrow, B., 1391  
 Morton, N. E., 669  
 Moss, C., 58  
 Mountain, J. L., 979  
 Muecher, G., 1101  
 Mueller, C. R., 684  
 Muenke, M., 938  
 Mugneret, F., 1108  
 Muir, A., 528  
 Müller, C. R., 1334  
 Mulley, J. C., 907  
 Munné, S., 452  
 Munnich, A., 396, 542 (L)  
 Munsat, T. L., 202, 210  
 Muntoni, F., 151  
 Murray, J. C., 310
- Nagengast, F., 1060  
 Naidu, S., 647  
 Nakajima, H., 131  
 Nanko, S., 335 (L)  
 Narod, S. A., 254  
 Natowicz, M. R., 870  
 Naughten, E., 278  
 Navarro, J., 452  
 Neel, J. V., 538 (L)  
 Nelson, D. L., 1147  
 Nelson, I., 1026  
 Nelson, L., 408  
 Nestadt, G., 1502 (L)  
 Nicastri, C., 887  
 Nichols, R., 887  
 Nickerson, E., 1156  
 Nicole, A., 592  
 Niebuhr, E., 1162  
 Nielsen, K. V., 1162  
 Niemelä, P., 1493  
 Nikali, K., 1088  
 Nikoskelainen, E., 1238 (L)  
 Nissim-Rafinia, M., 1359  
 Nivelon-Chevallier, A., 1108  
 Nivet, H., 374  
 Notarangelo, L. D., 898

- Novelli, G., 272  
 Nunes, V., 623
- O'Sullivan, C. K., 745  
 Obici, S., 202  
 Obie, C., 616  
 O'Connell, J. R., 1506 (L)  
 Odelberg, S. J., 408  
 O'Donnell, H., 1391  
 Ogunniyi, A. O., 1067  
 Oley, C. A., 400  
 Olkon, D. M., 993  
 Olson, J. M., 788  
 Omenn, G. S., 548 (BR)  
 Onari, K., 231  
 O'Neill, C., 278  
 Ono, T., 1267  
 Ophoff, R. A., 374  
 O'Rawe, A. M., 654  
 Orioli, I. M., 1207  
 Orozco, G., 183  
 Ortiz de Luna, R. I., 368  
 Oshimura, M., 438  
 Osuntokun, B. O., 1067  
 Otterud, B., 188, 408  
 Ottman, R., 821 (E)  
 Ottolenghi, C., 979  
 Ouahchi, K., 1116  
 Oude Luttkhuis, M. E. M., 400  
 Overhauser, J., 926, 1404
- Packman, S., 570  
 Padberg, G. W., 99, 374  
 Padula, E., 337 (L)  
 Paglinauan, C., 1240 (L)  
 Palamino, H., 339 (L)  
 Palmer, S., 342 (L)  
 Pals, G., 1096  
 Pander, H.-J., 1245 (L)  
 Pandolfo, M., 91, 1116  
 Panico, M., 1324  
 Papapoulos, S. E., 1075  
 Paradis, A. J., 845  
 Parano, E., 202  
 Pareyson, D., 91  
 Passos-Bueno, M. R., 99  
 Pasturaud, P., 1417  
 Pasztor, L. M., 1404  
 Paterson, J., 1304  
 Patsch, W., 1379  
 Pauli, R. M., 698, 732, 1501 (L)  
 Pausova, Z., 880  
 Pavone, L., 202  
 Peltonen, L., 1088, 1493  
 Pena, S. D. J., 1503 (L)
- Penchaszadeh, G. K., 202, 210  
 Penny, L. A., 676  
 Pepin, M., 1508 (BR)  
 Peral, B., 248  
 Pereira de Souza, A., 1417  
 Peterson, K. L., 1042  
 Petrova-Benedict, R., 558  
 Pezzetti, F., 337 (L)  
 Philip, N., 542 (L)  
 Pittelkow, M. R., 58  
 Piussan, C., 224, 374, 999 (L)  
 Piver, M. S., 254  
 Plaetke, R., 508  
 Plante, M., 1431  
 Plebani, A., 898  
 Ploplis, B., 75  
 Plotz, P. H., 131, 887  
 Pollak, M. R., 1075  
 Poll-The, B. T., 381  
 Columbo, P. A., 388  
 Ponder, B. A. J., 254  
 Popovich, B. W., 1042  
 Porat, Y., 898  
 Powell, L. W., 428  
 Pramatarova, A., 592  
 Pras, E., 1297  
 Pras, M., 1297  
 Prence, E. M., 870  
 Primack, W., 1101  
 Prior, T. W., 158  
 Procaccio, V., 684  
 Proia, R. L., 716  
 Province, M. A., 319  
 Pulver, A. E., 1502 (L)  
 Pyper, W. R., 428
- Quan, F., 1042  
 Quittell, L., 544 (L)
- Raben, N., 131, 887, 1297  
 Rabl, W., 854  
 Rahat, A., 1359  
 Rahman, R. A., 705  
 Ramos, D., 623  
 Ramsay, M., 586, 1373  
 Ramus, S. J., 1034  
 Rao, D. C., 319, 1179  
 Raskind, W. H., 1132  
 Rave-Harel, N., 1359  
 Raymond, V., 1431  
 Read, A. P., 400  
 Reilly, P. R., 1010 (BR), 1477  
 Reinglass, T., 188  
 Reiser, C. A., 732  
 Resta, R. G., 745
- Reynolds, A., 816 (BR)  
 Reznick, I., 898  
 Richard, I., 1417  
 Richard, M., 870  
 Richards, C. S., 114  
 Rigault, P., 1116  
 Rimoin, D. L., 388, 824 (E)  
 Roa, B. B., 91  
 Robbins, P., 422  
 Roberts, E. A., 1315  
 Robertson, E., 558, 938  
 Robin, N. H., 938  
 Robinson, B. H., 558  
 Robinson, W. P., 444  
 Roewer, N., 1334  
 Rogucka, E., 753  
 Rolinski, B., 854  
 Ropers, H. H., 1096  
 Roscher, A. A., 854  
 Rosenblatt, D. S., 1052  
 Ross, B. M., 202  
 Rossi, A., 542 (L)  
 Rothhammer, F., 812 (L), 1236 (L), 1247 (L)  
 Rotter, J. I., 287  
 Roudaut, C., 1417  
 Rouleau, G. A., 243, 592  
 Rowley, P. T., 347 (BR), 769  
 Rozen, R., 1052  
 Rozet, J.-M., 396  
 Rübsam, B., 1334  
 Ruteshouser, E. C., 84  
 Ruttenberg, H. D., 408
- Sabouraud, P., 1116  
 Sacco, M. G., 898  
 San Agustin, T. B., 75  
 Sánchez, F. O., 845  
 Sander, A., 310  
 Sandhoff, K., 1343  
 Sandkuij, L. A., 654  
 San Millán, J. L., 248  
 Santavuori, P., 654  
 Santolamazza, P., 1005 (L)  
 Santos, N., 183  
 Sarde, C.-O., 44  
 Sasaki, H., 231  
 Saudubray, J. M., 374  
 Saunders, G. F., 84  
 Savontaus, M.-L., 1238 (L)  
 Scambler, P. 1391  
 Scapoli, L., 337 (L)  
 Schachtel, G. A., 508  
 Schäfer, K.-L., 1334  
 Schalling, M., 1443

- Schapiro, J. M., 1297  
 Schappert, K., 616  
 Scherer, G., 862  
 Scherer, S. W., 342 (L), 1404  
 Scherbier-Heddema, T., 310  
 Schinzel, A. A., 444  
 Schmeckpeper, B. J., 647  
 Schmelzle, R., 310  
 Schmitt-Ney, M., 862  
 Schneider, S. S., 926  
 Schoute, F., 1096  
 Schulz, J., 183  
 Schuman, J., 1240 (L)  
 Schurr, E., 845  
 Schwartz, E. I., 278  
 Schwinger, E., 1245 (L)  
 Scott, C. I., 698  
 Scozzari, R., 1005 (L)  
 Scriver, C. R., 278, 359, 814 (BR)  
 Sebastio, G., 1324  
 Seidman, C. E., 1075  
 Seidman, J. G., 1075  
 Selig, S., 202  
 Sellitto, D., 1005 (L)  
 Serville, F., 542 (L)  
 Sghirlanzoni, A., 91  
 Shaffer, L. G., 175, 1156  
 Sham, P. C., 811 (L)  
 Sharp, G. B., 188  
 She, J.-X., 528  
 Shen, J. J., 915  
 Sherman, J. B., 131  
 Sherman, S. L., 123, 475, 915  
 Shprintzen, R., 1391, 1502 (L)  
 Shriver, M. D., 461  
 Shugar, A. L., 915  
 Siciliano, M. J., 1067  
 Sidaner-Noisette, I., 1108  
 Siegel-Bartelt, J., 938  
 Silber, S. J., 272  
 Silburn, P., 1443  
 Silverman, G. A., 926  
 Simpson, S. G., 1277  
 Singh, R., 630  
 Sinnreich, R., 1194  
 Sirotkin, H., 1391  
 Skamene, E., 845  
 Slatter, R., 67  
 Smeitink, J. A. M., 381  
 Smith, L., 577  
 Smith, S. A., 254  
 Smyth, E., 254  
 Snow, K., 1147  
 Sobol, E., 1506 (L)  
 Sobol, H., 254  
 Sokol, R., 1116  
 Sommer, S. S., 343 (L)  
 Souied, E., 396  
 Soukup, S. W., 915  
 Speed, T. P., 1456  
 Spencer, H. G., 434  
 Sperandeo, M. P., 1324  
 Spiegel, R., 131  
 Spritz, R. A., 58, 1320  
 Spurr, N. K., 254  
 Srivatsan, E. S., 705  
 Stanbridge, E. J., 438  
 Stawski, S., 1240 (L)  
 Steel, G., 616  
 Steele, E., 630  
 Stefanini, M., 167  
 Stein, M. A., 993  
 Steinhaus, K. A., 745  
 Stephens, K., 342 (L), 577  
 Stevanin, G., 193  
 Stevens, E. M. B., 142  
 Stevens, G., 586  
 Stewart, A. D., 684  
 Stine, O. C., 1277  
 Stöckler, S., 854  
 Strina, D., 898  
 Strong, L. C., 84, 1125  
 Strueming, J. P., 254  
 Strunski, V., 224  
 Stuhlmiller, G. M., 1505 (L)  
 Sudbrak, R., 684, 1334  
 Sumegi, J., 216  
 Suomalainen, A., 1088  
 Surh, L. C., 760  
 Sutera, C. J., 769  
 Sutherland, G. R., 907  
 Suzuki, K., 1343  
 Suzuki, T., 231  
 Suzuki, Y., 231  
 Svensson, E., 278  
 Sweeney, M. G., 1026  
 Sybert, V. P., 577  
 Sykes, B., 1186  
 Syme, J., 676  
 Szabó, J., 944  
 Tada, J., 231  
 Takada, A., 231  
 Tamayo, M. L., 216  
 Taschner, P. E. M., 654, 663  
 Tashiro, K., 231  
 Teh, B. T., 1443  
 Templado, C., 452  
 Terwilliger, J. D., 777, 1088  
 Thakker, R. V., 944  
 Thandi, I., 1379  
 Thanh, L. T., 725  
 thi Man, N., 725  
 Thibodeau, S. N., 1147  
 Thiele, H., 862  
 Thomas, G., 647  
 Thomas, G. R., 1140, 1315  
 Thomas, P. M., 416  
 Thompson, A. D., 663  
 Thompson, A. F., 167  
 Thompson, E. M., 58, 938  
 Thompson, G. N., 616  
 Thomson, P. D., 1101  
 Thorsteinsson, L., 1140  
 Tiller, G. E., 388  
 Tint, G. S., 1404  
 Tischfield, J. A., 1417  
 Tognon, M., 337 (L)  
 Tonin, P., 254  
 Torroni, A., 123, 1234 (L)  
 Toss, G., 1075  
 Town, M., 294  
 Trask, B. J., 926  
 Treacy, E. P., 278, 359, 1034  
 Trembath, R. C., 400  
 Tremblay, M., 970  
 Triggs-Raine, B., 870  
 Trijbels, F. J. M., 142  
 Trope, G. E., 1431  
 Tsui, L.-C., 342 (L), 1404  
 Tsukerman, G., L., 278  
 Tuchman, A., 544 (L)  
 Twells, R., 336 (L)  
 Tyfield, L. A., 278  
 Tynan, K., 1287  
 Uhrich, S. B., 745  
 Underhill, P. A., 979  
 Urbanek, M., 799  
 Vainzof, M., 99  
 Vale-Santos, J., 374  
 Valle, D., 616  
 Valverde, K., 544 (L)  
 van Aarem, A., 216  
 van Amstel, H. K. P., 381  
 van Beukering, J., 586  
 van Beurden, E. A. C. M., 381  
 Van Broeckhoven, C., 684  
 van den Broek, M., 1060  
 van den Engh, G., 926  
 van den Berge, I. E. T., 381  
 van der Hoeven, J. H., 374  
 van der Klift, H., 1060  
 van Geel, B. M., 44

- Vanier, M. T., 1343  
 Van Kirk, V., 452  
 van Leeuwen, C., 1060  
 van Leeuwen-Cornelisse, I., 1060  
 van Oost, B. A., 44, 1096  
 Varesco, L., 1060  
 Varvil, T., 188  
 Vasen, H., 1060  
 Verhaegh, G. W. C. T., 438  
 Verlingue, C., 272  
 Verloes, A., 542 (L)  
 Vermeulen, W., 167  
 Vezzoni, P., 898  
 Vieland, V. J., 33  
 Vila, A., 374  
 Villa, A., 898  
 Villaba, F., 84  
 Vincent, V., 745  
 Viribay, M., 248  
 Vitale, E., 202, 210  
 Voit, T., 183  
 Voullaire, L., 676  
 Vulliamy, T. J., 294  
 Vulpe, C., 570
- Wadelius, C., 1304  
 Wagener, D. K., 835  
 Wagner, M., 1125  
 Wagstaff, J., 302  
 Wakisaka, A., 231  
 Waldo, F. B., 1101  
 Wallace, D. C., 1234 (L)  
 Wallace, M. R., 1404  
 Walshe, J. M., 1315  
 Wang, C. H., 202, 210  
 Ward, K., 408  
 Ward, K. A., 58  
 Warren, S. T., 106, 123
- Wasel, N., 870  
 Wasmuth, J. J., 1162  
 Watkins, D., 243  
 Watkins, P. J., 1026  
 Weatherall, D. J., 294  
 Webb, S. I., 428  
 Weber, B. L., 254  
 Weber, C. A., 167  
 Weeks, D. E., 1506 (L)  
 Wei, S., 963  
 Weiler, M., 1343  
 Weir, B. S., 18  
 Weis, M. A., 388  
 Weiss, L., 1404  
 Weissenbach, J., 183, 193, 248,  
     310, 396, 542 (L), 684, 1088,  
     1116, 1431  
 Werder, E. A., 444  
 Weston, M. D., 216  
 White, R., 484, 500  
 Whitley, C. B., 597  
 Whitney, S., 570  
 Whittemore, A., 254  
 Wiggs, J. L., 1240 (L)  
 Wijker, M., 1096  
 Wijmenga, C., 99  
 Wijnen, J., 1060  
 Wijsman, E. M., 342 (L), 577  
 Wikström, M., 1238 (L)  
 Wilcox, E. R., 75  
 Will, K., 623  
 Williams, B. J., 915  
 Williams, C. A., 1404  
 Williams, R. C., 799  
 Williams, M. J. M., 434  
 Williamson, R., 336 (L)  
 Wilson, L. C., 400  
 Wilton, S. D., 422  
 Winnard, A. V., 158  
 Wintzen, A. R., 374
- Wolstenholme, J., 400  
 Wolyniec, P. S., 1502 (L)  
 Wong, L.-J. C., 114  
 Woo, S. L. C., 278  
 Wright, P. G., 760  
 Wu, C.-t. B., 188
- Xu, J., 202  
 Xu, W., 336 (L)
- Yahyaoui, M., 1116  
 Yamaizumi, M., 1267  
 Yan, Y.-x., 608  
 Yoshiki, T., 231  
 Young, I. G., 175  
 Yu, L. M., 461
- Zackai, E. H., 938  
 Zan-Bar, I., 898  
 Zar, H., 544 (L)  
 Zarbo, R. J., 944  
 Zatz, M., 99  
 Zdzienicka, M. Z., 438  
 Zegers, B. J. M., 898  
 Zelante, L., 676  
 Zenger-Hain, J., 676  
 Zerres, K., 1101  
 Zerylnik, C., 123  
 Zhao, X., 484  
 Ziadni, A., 1359  
 Zierz, S., 854  
 Zingg, M., 310  
 Zipursky, A., 915  
 Zlotogora, J., 51, 341 (L), 1173  
 Zlotogorski, A., 577  
 Zonana, J., 1042  
 Zori, R., 1404

## Subject Index to Volume 56

(ASHG) = ASHG background paper or report; (E) = editorial; (L) = letter to the editor

- A226V mutation, 616  
ABC transporter, 44, 854  
*achaete-scute* homologue 1 gene, 336 (L)  
Achondroplasia, 368, 732, 824 (E), 1501 (L)  
Acid maltase, 887  
Adrenoleukodystrophy, 44  
Adult onset, 1431  
Affected relative pairs, 1212  
African Americans, 1207  
Africans, 1373  
Albinism, 1173  
Albright hereditary osteodystrophy, 400  
Aldolase B gene, 1002 (L)  
Algorithms, 519  
Allelic association, 461, 1315  
Allelic expression, 1186  
Allelic heterogeneity, 265, 1417  
Alternative splicing, 887  
*Alu*  
    Insertion, 951 (erratum, 1512)  
    Sequence, 880  
Alzheimer disease, 332 (L)  
Amerindians, 812 (L), 1234 (L), 1236 (L)  
Amino acid  
    Metabolism, 616  
    Transporter, 1297  
Amyloid precursor protein, 332 (L)  
Amyotrophic lateral sclerosis, 592  
Anal atresia, 1042  
Analysis, 452  
Ancestral haplotype, 428  
Anesthesia, 684  
Anticipation, 99, 183, 341 (L)  
Apolipoprotein  
    (a), 287  
    B, 287  
    E, polymorphism, 1379  
APP gene, 332 (L)  
Arthritis, 692  
Arylsulfatase A, 51  
Ascending aortic aneurysm, 1287  
Ascertainment, 15 (E)  
    Bias, 33  
Ashkenazi Jews, 1297  
Asians, 1367  
Aspartylglucosaminuria, 1493  
Association, 335 (L), 993  
    Analysis, 528  
Ataxia, 1116  
Ataxia-telangiectasia, 438  
Atherosclerosis, 1379  
ATPase, 1315  
    Subunit 6, 1238 (L)  
Attention-deficit hyperactivity disorder, 993  
Attitudes, 1493  
Australia/Australians, 428, 1034  
Autoimmunity, 963  
Autosomal dominant  
    Cerebellar ataxia type 1, 193  
    Polycystic kidney disease type 2, 248  
Autosomal recessive  
    Inheritance, 396  
    Polycystic kidney disease, 1101  
Axonal degeneration, 188  
  
*Bam*HI RFLP, 339 (L)  
Batten disease, 654, 663  
β-Amyloid, 332 (L)  
β-Hexosaminidase, 870  
β-Oxidation, 44  
Biochemical phenotype, 630  
Bipolar affective disorder, 335 (L), 1262 (E), 1277  
Bivariate flow karyotyping, 926  
Blotchy mouse, 570  
Books reviewed, author(s)/editor(s):  
    Andrews, L. B., 814  
    Bridge, P. J., 350  
    Buelke-Sam, J., 548  
    Cavalli-Sforza, L. L., 349  
    Davies, K. E., 1250  
    Emery, A. H., 1007, 1508  
    Friedman, J. M., 1249  
    Fullarton, J. E., 814  
    Goldberg, S., 1010  
    Hanis, C. L., 347  
    Holtzman, N. A., 814  
    Jeeves, M. A., 1009  
    Kimmel, C. A., 548  
    Krawczak, M., 816  
    Lappé, M. A., 1008  
    Lassonde, M., 1009  
    Majerus, P. W., 347

- Menko, F. H., 1007  
 Menozzi, P., 349  
 Motulsky, A. G., 814  
 Murphy, T. F., 1008  
 Nienhuis, A. W., 347  
 Ott, J., 1251  
 Piazza, A., 349  
 Polifka, J. E., 1249  
 Schmidtke, J., 816  
 Sing, C. F., 347  
 Stamatoyannopoulos, G., 347  
 Terwilliger, J., 1251  
 Varmus, H., 347  
 Warren, S. T., 1250
- Books reviewed, title:  
*Assessing Genetic Risks: Implications for Health and Social Policy*, 814  
*Calculation of Genetic Risks: Worked Examples in DNA Diagnostics, The*, 350  
*Callosal Agents: A Natural Split Brain?* 1009  
*Culture Clash: Law and Science in America*, 1010  
*Developmental Toxicology*, 2d ed., 548  
*Diagnostic Criteria for Neuromuscular Disorders*, 1007  
*DNA Fingerprinting*, 816  
*Genetics of Colorectal Cancer for Clinical Practice*, 1007  
*Genetics of Cellular, Individual, Family, and Population Variability*, 347  
*Genome Rearrangement and Stability*, 1250  
*Handbook of Human Genetic Linkage*, 1251  
*History and Geography of Human Genes, The*, 349  
*Justice and the Human Genome Project*, 1008  
*Molecular Basis of Blood Diseases, The*, 2d ed., 347  
*Muscular Dystrophy: The Facts*, 1506  
*Teratogenic Effects of Drugs: A Resource for Clinicians (TERIS)*, 1249
- Boys, 753  
 Brachydactyly, 400  
 Brazilians, 99, 1179  
 BRCA1, 254, 265  
 Breakpoints, 452  
   Analysis, 500  
 Breast cancer, 254  
 Bullae without trauma, 1096
- CA repeat, 335 (L)  
   Loci, 461  
 Ca<sup>2+</sup>-sensing receptor, 1075  
   Gene, 880  
 CACNL1A3, 374  
 Calcium channel, 374  
 Cancer susceptibility genes, 608  
 Carotid artery, 1379  
 Carrier screening, 544 (L), 769
- Cartilage, 1186  
 Cat cry, 1404  
 Caucasian, 374  
 CD40 ligand gene, 898  
 Cerebellar ataxia, 336 (L)  
 Cervical cancer, 705  
 Cervical cord compression, 1501 (L)  
 Cervical myelopathy, 732  
 Cervicomedullary-junction compression, 732, 824 (E), 1501 (L)  
 CFTR, 623, 1359  
   Microsatellite, 272  
   Mutation, 272  
 Chibchan, 812 (L)  
 Chilean Aymara, 812 (L)  
 Cholesterol, 1411  
 Chondrocalcinosis, 692  
 Chondrodysplasia, 388, 698  
 Chondrosarcoma, 1125, 1132  
 Chromosome(s), 452  
   Transfer, 438  
 Chromosome 1, 216  
 Chromosome 1p13, 396  
 Chromosome 1q21-q31, 944, 1240 (L)  
 Chromosome 1q23-q25, 1431  
 Chromosome 2q, 845  
 Chromosome 2q37, 400  
 Chromosome 3q13.1, 684  
 Chromosome 4, 408  
 Chromosome 4q, 248  
 Chromosome 5, 1162  
 Chromosome 5p deletion, 1404  
 Chromosome 6p, 938  
 Chromosome 6p21.1-p12, 1101  
 Chromosome 8, 1125, 1132  
 Chromosome 8q, 692, 1116  
 Chromosome 9, 243  
 Chromosome 9p<sup>-</sup> syndrome, 302  
 Chromosome 11, 1125, 1132  
 Chromosome 11p, 416  
 Chromosome 11q deletion syndrome, 676  
 Chromosome 11q13 deletion, 705  
 Chromosome 14, 422  
 Chromosome 14q, 183, 193, 231  
 Chromosome 14q, 193  
 Chromosome 15q, 188  
 Chromosome 16, 663  
 Chromosome 17p, 484  
 Chromosome 17p11.2-p12, 91  
 Chromosome 18q deletion breakpoints, 926  
 Chromosome 18q<sup>-</sup> syndrome, 926  
 Chromosome 18q21.2-q22.2, 926  
 Chromosome 19, 698  
 Chromosome 19p13, 1443  
 Chromosome 19q12-13.2, 1334

- Chromosome 22q11, 1391, 1502 (L)  
 Chromosome X, 553 (E), 647  
   Adrenoleukodystrophy, 854  
   Bullous dystrophy, 1096  
   Deafness, 224  
   Dilated cardiomyopathy, 151  
   Dominant disease, 553 (E)  
   Hydrocephalus, 1304  
   Hyper IgM, 898  
   Inactivation, 553 (E), 647, 1108  
   Spastic paraparesis, 1304  
 Chromosome Xq13-q21, 224  
 Chromosome Xq28, 907, 1108  
 Chromosome Y, 951 (erratum, 1512)  
 Cleft lip/palate, 337 (L), 339 (L)  
 Cleft palate, 1391  
 Cleidocranial dysplasia, 938  
 Clinical medical genetic workload, 760  
 Clinical variability, 99  
 Clinical phenotypes, 854  
*CLN3*, 654, 663  
 Cockayne syndrome, 167, 1267  
*COL2A1*, 388, 1186  
 Collagen, type II, 388  
 Colorectal cancer, 1060  
 Common ancestor, 1034  
 Community genetics, 1493  
 Comparative mapping, 845  
 Complementation gene 1, 1267  
 Complementing alleles, 630  
 Computer algorithm, 500  
 Computer programs, 1506 (L)  
 Confidence regions, 1212  
 Congenital bilateral absence of vas deferens, 272  
 Congenital bilateral aplasia of vas deferens, 1359  
 Congenital defect, 1207  
 Congenital heart defects, 408  
 Congenital myopathy, 1026  
 Consanguinity, 519  
 Contiguous-gene-deletion syndrome, 175  
 Contiguous-gene syndrome, 542 (L), 1156  
 Copper  
   Metabolism, 828 (E)  
   Transport, 1140, 1315  
 Copper-transporting ATPase gene, 570  
 Coronary artery disease, 287  
 Coronary heart disease, 1194  
 Corrected homogeneity test, 1456  
 Craniocervical junction, 732  
 Craniosynostosis, 302  
 Cri-du-chat syndrome, 1162, 1404  
 Crime, 1487  
 Cryptic exon, 623  
 CTG repeats, 114  
 Curriculum, 535 (ASHG)
- Cystathione  $\beta$ -synthase deficiency, 1320  
 Cystic fibrosis, 544 (L), 623  
   Phenotype, 272  
 Cystinuria, 1297
- D-loop 6-bp deletion, 812 (L)  
 D2H, 1297  
 De novo mutation, 1067  
 Deafness, 216, 999 (L)  
 Decreased penetrance, 408  
 del(17)(p11.2), 175  
 Deletion(s), 302, 343 (L), 542 (L), 999, 1042  
   Hotspots, 84  
   Mapping, 1108, 1404  
   Syndrome, 1162  
   Terminal, 1404  
 Deletion/insertion mutation, 84  
 Demographic dynamics, 970  
 Demographic history, 979  
 Denaturing gradient-gel electrophoresis, 272, 1060  
 Developmental delay, 907  
*DFN3*, 999 (L)  
   Gene, 224  
 Diabetes mellitus, 1017, 1026  
 Digenic inheritance, 1417  
 Dihydropyridine receptor, 374  
 Dilated cardiomyopathy, 151  
 Dinucleotide-repeat polymorphism, 461  
 Discordant MZ twins, 647  
 Disease  
   Gene mapping, 202  
   Mapping, 18  
   Risk factors, 835  
   Susceptibility, 528  
 Disomic homozygosity, 915  
 Distal myopathy, 422  
 Distal 5p, 1162  
 Distal 11q deletions, 676  
*DMPK*, 123  
 DNA  
   Analysis, 1324  
   Banking, 1477, 1487  
   Data banking, 1477, 1487  
   Deletion, 91  
   Diagnosis, 760  
   Laboratories, 1477  
   Mismatch repair, 1060  
   Repair, 167  
     Defect(s), 1257 (E), 1267  
     Synthesis, 438  
 Dominance, 577  
 Dopamine transporter, 993  
 Down syndrome, 475, 915  
   Leukemia, 915  
 Duchenne muscular dystrophy, 158, 725

- Dwarfism, 698  
 Dysmorphism, 1162  
*Dystrophin*, 151, 158, 725
- E-M algorithm, 799  
 Ectrodactyly, 342 (L)  
 Education, 535 (ASHG)  
 Egf-like domain, 1287  
*Elastin*, 1156  
 Endocrine tumor gene *HRPT2*, 944  
 Endogamy, 979  
 Epidemiology, 294  
   Methods, 835  
 Epidermal cytoskeleton function, 577  
 Epidermolysis bullosa, 577, 1096  
*ERCC2* gene, 167  
 Eugenics, 1245 (L), 1246 (L)  
 Europeans, 278, 654  
 Evolution, 1373, 1450  
   Human, 1005 (L)  
 Exact tests, 508  
 Exon/intron boundaries, 75  
 Exon-PCR, 67  
 Exon skipping, 558, 716, 725  
 Exostoses, 1125  
 Expanding population, 1450  
 Extended pedigrees, 33  
 Eye disorder, 1431
- Faciocapulohumeral muscular dystrophy*, 99  
 Factor IX deletions, 343 (L)  
 Familial amyotrophic lateral sclerosis, 592  
 Familial benign hypocalcemia, 1075  
 Familial breast cancer, 265  
 Familial hypocalciuric hypercalcemia, 880  
 Familial hypocalciuric hypocalcemia, 1075  
 Familial hyperinsulinism, 416  
 Familial ovarian cancer, 265  
 Familial periodic cerebellar ataxia, 1443  
 Family history, 745  
*FGFR3*, 368  
 Fibrillin biosynthesis/deposition, 1287  
 Fibrillin mutation, 1287  
 Fibrinogen, 1194  
 Fine mapping, 777  
 Fine structure mapping, 310  
 Finland, 1493  
 Finnish disease, 654  
*FISH*, 705, 926, 1156, 1404, 1411  
 5,10-Methylenetetrahydrofolate reductase, 142  
*FLI* FISH, 175  
 Flightless-1 gene (*fli1*), 175  
*FMR1*, 106, 1042  
   Deletion, 67  
   Gene, 67
- Folic acid, 1052  
 Foramen magnum, 824 (E)  
 Forensics, 1487  
 Founder contribution, 1450  
 Founder effect, 51, 231, 374, 970  
 Founder mutation, 1140  
 FPCA, 1443  
 Fragile site, 676  
 Fragile X  
   Mutation, 1147  
   Syndrome, 106, 1042  
 Frameshift hypothesis, 158  
*FRAXA* mental retardation, 1042  
*FRAXE*, 907  
 French Canadians, 870, 970, 1450  
*FSP1*, 183  
*Fundus flavimaculatus*, 396
- Galactose-1-phosphate uridyltransferase, 630, 640  
 Galactosemia, 630, 640  
 Gametic disequilibrium, 799  
 Gel-retardation assay, 862  
 Gene dosage, 175  
 Gene location, 428  
 Gene mapping, 11 (E), 216, 231, 684, 788  
 Gene mutation, 1075  
 Gene survival, 1450  
 Gene therapy, 359  
 Gene-environment interaction, 821 (E)  
 Genetic counseling, 332 (L), 745, 760, 769, 1101  
 Genetic contribution, 970  
 Genetic deletion, 725  
 Genetic distance, 461  
 Genetic epidemiology, 1179, 1379  
 Genetic exclusion, 1240 (L)  
 Genetic heterogeneity, 698, 1334  
 Genetic isolate, 1417  
 Genetic linkage, 692, 698, 944, 1096  
 Genetic map(s)/mapping, 202, 210, 500, 508, 698, 1101, 1212  
 Genetic models, 1080  
 Genetic polymorphism, 1367  
 Genetic screening, 870  
 Genetic testing, 327 (ASHG), 1493  
 Genome, 1468  
 Genomic deletion, 887  
 Genomic imprinting, 434  
 Genotype/phenotype correlation(s), 374, 553 (E), 597, 1052, 1147  
 Germ-line deletions, 343 (L)  
 Girls, 753  
*Glaucoma*, 1240 (L)  
*GLC1A* locus, 1431  
 Glucose 6-phosphate dehydrogenase deficiency, 294, 1243 (L)

- Glycogen storage disease, 381  
 Glycogenosis, 887  
   Type VII, 131  
 $G_{M2}$  gangliosidosis, 870  
 Gyrate atrophy, 616
- Haploinsufficiency, 175  
 Haplotype(s), 278, 586, 654, 799, 1034, 1067, 1116, 1315, 1359, 1373  
   Analysis, 210, 428, 1234 (L), 1236 (L), 1391  
   Diversity, 951 (erratum, 1512)  
   Relative risk, 428  
 Haplotype-based haplotype relative risk, 993  
 Haseman-Elston, 1224  
 Hemizygosity, 542 (L)  
 Hemochromatosis, 428  
 Hemoglobinopathies, 769  
 Hemophilia B deletions, 343 (L)  
 Hereditary ataxia, 1088  
 Hereditary bullous dystrophy, 1096  
 Hereditary diseases, 970  
 Hereditary fructose intolerance, 1002 (L)  
 Hereditary metabolic disease, 359  
 Hereditary multiple exostoses, 1125, 1132  
 Hereditary neuropathy, liability to pressure palsies, 91  
 Heterogeneity, 254, 341 (L), 1359  
*HEXA*, 716  
 Hexosaminidase, 716  
 High-resolution genetic maps, 484  
 Hindu caste system, 979  
 Hispanics, 544 (L)  
 HLA, 528, 1350  
   Heterodimer, 1080  
 $hMSH2$ , 1060  
 HNPCC (hereditary nonpolyposis colorectal cancer), 1060  
 Homeodomain, 75  
 Homocysteine, 142, 1052  
 Homocysteinemia, 1052  
 Homocystinuria, 1052, 1324  
 Homozygosity, 1173  
   Mapping, 416, 519, 1088  
 Homozygote, 577  
 Human acid sphingomyelinase, 1343  
 Human genome, 484  
 Human origins, 1234 (L), 1236 (L)  
 HUMF13A01 STR locus, 1005 (L)  
 Hunter syndrome, 597  
 Hyperhomocysteinemia, 142  
 Hyper IgM, 898  
 Hyperinsulinemic hypoglycemia, 416  
 Hyperparathyroidism, 944  
 Hypervariable regions, 979  
 Hypokalemic periodic paralysis, 374
- Iceland, 1140  
 Identification testing, 1487  
 Identity by descent, 788, 1468  
 Iduronate-2-sulfatase, 597  
 IGF-2, 434  
 Imprinting, 1207, 1262 (E), 1277  
 In vitro contracture test, 684  
 Inborn errors, 616  
 Inbreeding, 1111 (L), 1503 (L), 1505 (L)  
 India, 979  
 Informed consent, 1477  
 Initiation, 158  
 Insertion mutation, 880  
 Insulin-dependent diabetes mellitus, 528, 1080  
 Insurance, 327 (ASHG)  
 Intermediate filament, 577  
 Interval mapping, 1224  
 Interval-mapping approach, 788  
 Involucrin, 1367  
 Ionizing radiation, 438  
 Isodisomy, 647  
 Isolated cases, 99  
 Israeli, 1194  
 Italians, 91, 1324
- Jacobsen syndrome, 676  
 Japanese, 231  
   Origin, 951 (erratum, 1512)  
 Jaw tumors, 944  
 Jomon, 951 (erratum, 1512)  
 Juvenile onset, 1431
- Keratin, 577  
 Kibbutzim family study, 1194  
 KIT proto-oncogene, 58
- L1, 1304  
 Lactic acidemia, 558  
 Lactic acidosis, 553 (E)  
 Late onset, 396  
 Leber hereditary optic neuroretinopathy, 1238 (L)  
 Leprosy, 1179  
 LGMD2A, 1417  
 Li-Fraumeni syndrome, 608  
 Likelihood  
   Methods, 18, 777  
   Models, 33  
 Limb malformation, 341 (L), 342 (L)  
 Limb-girdle muscular dystrophy, 1417  
 Linkage, 254, 310, 1125, 1224  
   Analysis, 11 (E), 193, 231, 243, 248, 422, 938, 1240 (L), 1334, 1443  
   Disequilibrium, 11 (E), 18, 123, 210, 777, 993, 1088, 1116, 1350, 1417  
   Mapping, 408, 475, 654  
 Lip pits syndrome, 310

- Lipoprotein (a), 287  
 Liver phosphorylase kinase  
    $\alpha$  Subunit, 381  
   Deficiency, 381  
 LMP2/LMP7 genes, 528  
 Locus heterogeneity, 342 (L)  
 Loss of heterozygosity, 1125, 1132  
 Lynch syndromes, 1060  
 Lysosomal enzyme processing, 1340  
 Lysosomal storage disease, 51  
 Machado-Joseph disease, 193, 231  
 Macrophage protein gene, 845  
 Macular dystrophy, 396  
 Major environmental effect, 1194  
 Major histocompatibility complex, 528, 1456  
 Malaria, 294  
 Male sterility, 272  
 Malignant hyperthermia, 1334  
   Susceptibility, 684  
 Marfan syndrome, 1287  
 Marker association segregation  $\chi^2$ , 1080  
 Markov chain, 1468  
 Martin-Bell phenotype, 67  
 MASA syndrome, 1304  
 Maternal age, 669  
 Maternal effect, 1080  
 Maternal transmission, 1262 (E), 1277  
 Maximum likelihood, 799  
 Medical genetics, 542 (L)  
 Meiotic breakpoint(s), 500  
   Analysis, 508  
 Meiotic errors, 669  
 Meiotic recombination breakpoint, 484  
 Melanocyte, 58  
 Mendelian transmission, 319  
 Menkes disease, 570, 828 (E)  
 Mental impairment, 67  
 Mental retardation, 400, 1162  
 Metachromatic leukodystrophy, 51  
 Methylenetetrahydrofolate, 1052  
   Reductase, 1052  
 Methyltetrahydrofolate, 1052  
 Microdeletion, 400, 663  
   Syndrome, 1156  
 Microsatellite(s), 193, 428, 1111 (L), 1315, 1503 (L), 1505 (L)  
   Deletions, 343 (L)  
   DNA marker, 542 (L)  
   Marker, 337 (L)  
 Microsatellite-based fine mapping, 310  
 Mismatch distributions, 979  
 Mitochondria, bbb (E), 1277  
 Mitochondrial contribution, 1450  
 Mitochondrial encephalomyopathy, 1026  
 Mitochondrial myopathy, 1017  
 Modifier locus, 434  
 Modifying genes, 265  
 Molecular cytogenetics, 1156  
 Molecular definition, 1391  
 Molecular genetics, 630  
   Services, 760  
 Mondini-like dysplasia, 224  
 Monoamine oxidase A gene, 335 (L)  
 Monoclonal antibody, 725  
 Monosomy, 444  
 Mortality, 824 (E)  
 Mosaicism, 444  
 Mouse natural resistance-associated macrophage protein, 845  
 mRNA processing, 716  
 mtDNA, 812 (L), 1017, 1026, 1234 (L), 1236 (L), 1238 (L), 1247 (L), 1248 (L)  
   Diversity, 979  
   Markers, 1234 (L), 1236 (L)  
 Mucopolysaccharidosis, 597  
 Multilocus haplotyping, 1506 (L)  
 Multiple alleles, 1002 (L)  
 Multiple epiphyseal dysplasia, 698  
 Multiple-locus haplotypes, 799  
 Multiple sclerosis, 963  
 Multipoint interval mapping, 1224  
 Multipoint linkage analysis, 519, 788  
 Muscle disorder, 684  
 Muscle-PFK deficiency, 131  
 Muscular dystrophy, 151, 725  
 Mutation(s), 114, 332 (L), 586, 640, 898, 1002 (L), 1034, 1320, 1343  
   Analysis, 381, 558, 597, 630, 854, 1334  
   Detection, 1140, 1315  
 Mutation-drift models, 461  
 Mutation-selection balance, 434  
 Myokymia, 1443  
 Myotonic dystrophy, 114, 123, 1067, 1373  
 Myotubular myopathy, 1108  
 MZ twinning, 647  
 Nail-patella syndrome, 243  
 National Society of Genetic Counselors, 745  
 Native Americans, 1234 (L), 1236 (L)  
 Nazi medicine, 1245 (L), 1246 (L)  
 Neonatal severe hyperparathyroidism, 880  
 Nesidioblastosis, 416  
 Neural cell adhesion, 1304  
 Neurological disease, 188  
 Neuromuscular disorder, 202, 210  
 Neuronal ceroid lipofuscinosis, 654, 663  
 Neurosurgical decompression, 824 (E)  
 Niemann-Pick disease, 1343  
 Nigerian, 1067

- Nitric oxide synthase gene, 336 (L)  
 Nondisjunction, 444, 669  
 Nonequilibrium, 18  
 Nonpenetrance, 1359  
 Nonstatistical computation, 500  
 Nonsyndromic cleft lip and palate, 310, 337 (L)  
 North Americans, 1002 (L)  
*NRAMP 1* polymorphisms, 845  
 Nuclear families, 319  
 Nucleotide sequencing, 963
- OAT genes, 616  
 Obesity, 1042  
 Occipital horn syndrome, 570  
 Ocular hypertension, 1431  
 Oculocutaneous albinism type 2, 586, 1320  
 Ordering loci, 508  
 Ornithine- $\delta$ -aminotransferase, 616  
 Osteoarthritis, 692, 1186  
 Osteochondromas, 1125  
 Ovarian cancer, 254  
 Overexpression, 438  
 OXPHOS deficiency, 1238 (L)
- P gene, 586  
 Mutations, 1320  
 p53, 608  
 Parathyroid carcinoma, 944  
 Parent-of-origin transmission, 1147  
 Parental imprinting, 1080  
 Parental origin, 669  
 Paternity testing, 1111 (L), 1503 (L), 1505 (L)  
 PAX3, 75, 1173  
 PCR, 926, 963, 1111 (L), 1324, 1503 (L), 1505 (L)  
 Pedigree(s), 745, 1334, 1468, 1506 (L)  
 Nomenclature, 745  
 Penetrance, 341 (L)  
 Perilymphatic gusher, 224  
 Peroxisomal disorder, 854  
 Peroxisome, 44  
 PFK-M gene, 131  
 Phenotype parameters, 359  
 Phenotypic complementation, 438  
 Phenotypic features, 1162  
 Phenylalanine hydroxylase, 278, 1034  
 Phenylketonuria, 278, 1034  
 Phosphofructokinase, 131  
 Phosphorylase kinase, 381  
 Photosensitive disorders, 1257 (E), 1267  
 Physical mapping, 202, 926, 999 (L)  
 Physician education, 769  
 Piebaldism, 58  
 Pigment-dispersion syndrome, 1240 (L)  
 Pigmentation, 58  
 PKD2, 248
- Point mutation, 887  
 Polish families, 210  
 Polycystic kidney disease, 1101  
 Polydactyly, 1207  
 Polymorphic marker loci, 777  
 Polymorphism, 799, 951 (erratum, 1512), 963  
 Population(s), 1315  
 Expansions, 979  
 Genetics, 123, 294, 461  
 Growth, 538 (L)  
 Positional cloning, 1212, 1411  
 Prediction, 1379  
 Premature termination, 716  
 Prenatal diagnosis, 1101  
 Prenatal screening, 769  
 Presidential Address, 1  
 Primary open-angle glaucoma, 1431  
 Privacy, 1477, 1487  
 Progressive mixed deafness, 224  
 Promoter, 151  
 Pseudo-pseudohypoparathyroidism, 400  
 Pseudodeficiency, 870  
 Pseudogout, 692  
 Puberty, 753  
 Pulmonary venous return, 408  
 Pulsed-field gel electrophoresis, 287, 705  
 Pyridoxine, 616  
 Pyruvate dehydrogenase E1 $\alpha$   
 Deficiency, 553 (E)  
 Subunit, 558
- Quality assurance, 745  
 Quantitative traits, 319  
 Loci, 1224  
 Quebec, 1450  
 Population founders, 970
- R408W mutation, 278  
 Random sampling, 319  
 rBAT, 1297  
 Receptor, 58  
 Recessive alleles, 799  
 Recessive traits, 519  
 Recombination, 11 (E), 669, 1116, 1350  
 Recombination, 669  
 Recurrent mutations, 368  
 Recurrent spontaneous abortion, 1456  
 Reduced penetrance, 342 (L)  
 Regulation, 1477  
 Repeat expansion, 1450  
 Reproductive failure, 1456  
 Resolution, 1212  
 Retina, 616  
 Retinitis pigmentosa, 216  
 Rett syndrome, 647

- Revertant fibers, 158  
 Muscle, 725
- RFLP, 278, 339 (L), 705
- Risk assessment, 732
- RNA-splicing mutation, 388
- RNase protection, 106
- Ryanodine receptor mutation, 1334
- RY(i) hairpin loops, 343 (L)
- RYR1 gene, 1334
- Saguenay region, 1450
- Schizophrenia, 1502 (L)
- Segmental aneuploidy, 676
- Segregation
- Analysis, 33, 319, 1179, 1194
  - Distortion, 1207
- Selection, 51
- Sequence analysis, 484
- Sequencing, 597
- Sequential sampling, 33
- Sex ratio, 1207
- Sex reversal, 862
- Shared-allele test, 1456
- Short tandem repeats, 278, 1034, 1111 (L), 1505 (L), 1503 (L)
- Sib pairs, 788, 1224
- Linkage analysis, 287
- Silver staining, 335 (L)
- Single-strand conformational analysis, 1287
- Site mutation, 623
- Skeletal maturity, 753
- SLC3A1, 1297
- Smith-Lemli-Opitz syndrome, 1411
- Smith-Magenis syndrome, 175
- SOD 1, 592
- Solomon Islands, 1243 (L)
- Somatic instability, 114
- Somatic mutation, 158, 725
- South America, 339 (L)
- South American populations, 1247 (L), 1248 (L)
- Southern African, 586
- Southwest Pacific, 294
- Spanish, 248
- Cystic fibrosis mutation, 623
- Spastic paraparesis, 183, 188
- Speech delay, 1162
- Sperm, 452
- Spielmeyer-Sjögren disease, 654, 663
- Spinal cerebellar ataxia
- Type 2, 336 (L)
  - Type 3, 193
- Spinal cord, 188, 732
- Spinal muscular atrophy, 202, 210
- Splicing, 388
- Mutation(s), 570, 887
- Split hand/split foot, 341 (L), 342 (L)
- Spondyloepiphyseal dysplasia, 388
- SRY
- Mosaic, 862
  - Mutations, 862
- SSCP, 854
- Stargardt disease, 396
- Statistical methods/tests, 15 (E), 508
- Steel factor receptor, 58
- Sterilization, 1245 (L), 1246 (L)
- Stochastic integral, 1468
- STR polymorphisms, 1005 (L)
- Submicroscopic deletion, 907
- Sudden infant death, 824 (E)
- Superoxide dismutase gene, 592
- Surgical intervention, 1501 (L)
- Swedish, 332 (L)
- T-cell receptor V $\beta$  gene, 963
- Tanzania, 1320
- TAP2, 1350
- Tarui disease, 131
- Tay-Sachs disease, 716, 870
- Terminal deletions, 1404
- Testing strategy, 799
- Testis-determining gene, 862
- TGF $\alpha$ , 339 (L)
- Thiamine pyrophosphate, 558
- Time analysis, 760
- Tomaculous neuropathy, 91
- Transcription, 151
- mRNA stability, 106
- Transcription-related disorders, 1257 (E)
- Transforming growth factor alpha, 339 (L)
- Transient leukemia, 915
- Translation, 106
- Translocation, 302, 1411
- Transmission disequilibrium test, 811 (L)
- Transmitting male, 106
- Transplantation, 359
- Treatment, 359
- Trichothiodystrophy, 167
- Trigonocephaly, 676
- Trinucleotide repeat(s), 1067, 1147
- Disorders, 123
  - Length, 106
- Trisomy, 444, 475
- Trisomy 18, 669
- Trisomy 21, 475, 915
- tRNA glutamic acid, 1017
- Mutation, 1026
- Tuberculosis susceptibility, 845
- Tumor, 1125
- Tumor-suppressor gene(s), 84, 705, 1132
- Type 1 diabetes, 1080

Type II collagen, 1186  
Type V collagen, 243  
Tyrosinase-positive oculocutaneous albinism, 586  
Tyrosinase-related protein, 302  
  
Unexplained infertility, 1456  
Uniparental disomy, 647  
Usher syndrome II, 216  
UV  
  Light, 167  
  Sensitivity, 1257 (E)  
UV<sup>s</sup> syndrome, 1267  
  
Van der Woude syndrome, 310  
Vanuatu, 294  
Vascular disease, 142  
Vasculogenesis, 408  
Velo-cardio-facial syndrome, 1391, 1502 (L)  
Vitamin E, 1116  
VNTR, 278  
  
Waardenburg syndrome, 75, 1173  
Williams syndrome, 542 (L), 1156

Wilms tumor, 84, 434, 944  
Wilson disease, 828 (E), 1140, 1315  
WT1, 84  
  
X chromosome  
  Inactivation, 553, 1108  
  Linkage, 381, 558, 999 (L), 1108  
    Adrenoleukodystrophy, 854  
    Bullous dystrophy, 1096  
    Deafness, 224  
    Dilated cardiomyopathy, 151  
    Dominant disease, 553 (E)  
    Hydrocephalus, 1304  
    Hyper IgM, 898  
    Spastic paraplegia, 1304  
Xeroderma pigmentosum, 167, 1267  
XY female, 862  
  
Y chromosome, 951 (erratum, 1512)  
YAC, 926, 1411  
  Cloning, 845  
Yeast, 640  
  Expression, 131

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# Contents of Volume 56

January 1995

## vi Note from the Editor

### 1994 ASHG Presidential Address

- I Who Are We? Where Are We Going? Anticipating the 21st Century**  
Maimon M. Cohen

### Invited Editorials

- 11 Linkage Disequilibrium as a Gene-Mapping Tool**  
Lynn B. Jorde
- 15 'Twixt Cup and Lip: How Intractable Is the Ascertainment Problem?**  
Robert C. Elston

### Original Articles

- 18 Likelihood Methods for Locating Disease Genes in Nonequilibrium Populations**  
N. L. Kaplan, W. G. Hill, and B. S. Weir
- 33 Inherent Intractability of the Ascertainment Problem for Pedigree Data: A General Likelihood Framework**  
Veronica J. Vieland and Susan E. Hodge
- 44 Spectrum of Mutations in the Gene Encoding the Adrenoleukodystrophy Protein**  
Marjolijn J. L. Ligtenberg, Stephan Kemp, Claude-Olivier Sarde, Björn M. van Geel, Wim J. Kleijer, Peter G. Barth, Jean-Louis Mandel, Bernard A. van Oost, and Pieter A. Bolhuis
- 51 Multiple Mutations Are Responsible for the High Frequency of Metachromatic Leukodystrophy in a Small Geographic Area**  
Uwe Heinisch, Joel Zlotogora, Sabine Kafert, and Volkmar Gieselmann
- 58 Novel Mutations and Deletions of the KIT (Steel Factor Receptor) Gene in Human Piebaldism**  
Kazuhiro Ezoe, Stuart A. Holmes, Lingling Ho, Christopher P. Bennett, Jean L. Bologna, Louise Brueton, John Burn, Rafael Falabella, Emilia M. Gatto, Norihisa Ishii, Celia Moss, Mark R. Pittelkow, Elizabeth Thompson, K. Anne Ward, and Richard A. Spritz
- 67 Two New Cases of FMR1 Deletion Associated with Mental Impairment**  
Mark Hirst, Prabhjit Grewal, Angela Flannery, Rosalind Slatter, Eamonn Maher, David Barton, Jean-Pierre Fryns, and Kay Davies
- 75 Further Elucidation of the Genomic Structure of PAX3, and Identification of Two Different Point Mutations within the PAX3 Homeobox That Cause Waardenburg Syndrome Type I in Two Families**  
Anil K. Lalwani, J. Rodney Brister, Jörgen Fex, Kenneth M. Grundfast, Barbara Ploplis, Theresa B. San Agustin, and Edward R. Wilcox
- 84 WTI Exon 1 Deletion/Insertion Mutations in Wilms Tumor Patients, Associated with Di- and Trinucleotide Repeats and Deletion Hotspot Consensus Sequences**  
V. Huff, N. Jaffe, G. F. Saunders, L. C. Strong, F. Villalba, and E. C. Ruteshouser

- 91 A 1.5-Mb Deletion in 17p11.2-p12 Is Frequently Observed in Italian Families with Hereditary Neuropathy with Liability to Pressure Palsies**  
Diego Lorenzetti, Davide Pareyson, Angelo Sghirlanzoni, Benjamin B. Roa, Nacer E. Abbas, Massimo Pandolfo, Stefano Di Donato, and James R. Lupski
- 99 High Proportion of New Mutations and Possible Anticipation in Brazilian Facioscapulohumeral Muscular Dystrophy Families**  
Mayana Zatz, Suely K. Marie, Maria Rita Passos-Bueno, Mariz Vainzof, Simone Campiotto, Antonia Cerqueira, Cisca Wijmenga, George Padberg, and Rune Frants
- 106 Quantitative Comparison of FMRI Gene Expression in Normal and Premutation Alleles**  
Yue Feng, Lisa Lakkis, Didier Devys, and Stephen T. Warren
- 114 Somatic Heterogeneity of the CTG Repeat in Myotonic Dystrophy Is Age and Size Dependent**  
Lee-Jun C. Wong, Tetsuo Ashizawa, Darren G. Monckton, C. Thomas Caskey, and C. Sue Richards
- 123 Normal Variation at the Myotonic Dystrophy Locus in Global Human Populations**  
Chris Zerlynick, Antonio Torroni, Stephanie L. Sherman, and Stephen T. Warren
- 131 Functional Expression of Human Mutant Phosphofructokinase in Yeast: Genetic Defects in French Canadian and Swiss Patients with Phosphofructokinase Deficiency**  
Nina Raben, Rachel Exelbert, Roland Spiegel, Jeffrey B. Sherman, Hiromu Nakajima, Paul Plotz, and Jurgen Heinisch
- 142 Thermolabile 5,10-Methylenetetrahydrofolate Reductase as a Cause of Mild Hyperhomocysteinemia**  
Astrid M. T. Engbersen, Diana G. Franken, Godfried H. J. Boers, Erik M. B. Stevens, Frans J. M. Trijbels, and Henk J. Blom
- 151 Transcription of the Dystrophin Gene in Normal Tissues and in Skeletal Muscle of a Family with X-Linked Dilated Cardiomyopathy**  
Francesco Muntoni, Maria Antonietta Melis, Antonello Ganau, and Victor Dubowitz
- 158 Frameshift Deletions of Exons 3–7 and Revertant Fibers in Duchenne Muscular Dystrophy: Mechanisms of Dystrophin Production**  
Alissa V. Winnard, Jerry R. Mendell, Thomas W. Prior, Julaine Florence, and Arthur H. M. Burghes
- 167 Molecular and Cellular Analysis of the DNA Repair Defect in a Patient in Xeroderma Pigmentosum Complementation Group D Who Has the Clinical Features of Xeroderma Pigmentosum and Cockayne Syndrome**  
B. C. Broughton, A. F. Thompson, S. A. Harcourt, W. Vermeulen, J. H. J. Hoeijmakers, E. Botta, M. Stefanini, M. D. King, C. A. Weber, J. Cole, C. F. Arlett, and A. R. Lehmann
- 175 The Human Homologue of the *Drosophila melanogaster* Flightless-I Gene (*fil*) Maps within the Smith-Magenis Microdeletion Critical Region in 17p11.2**  
Ken-Shiung Chen, Preethi H. Gunaratne, Jörg D. Hoheisel, Ian G. Young, G. L. Gabor Miklos, Frank Greenberg, Lisa G. Shaffer, Hugh D. Campbell, and James R. Lupski
- 183 Autosomal Dominant Familial Spastic Paraparesis: Reduction of the FSP1 Candidate Region on Chromosome 14q to 7 cM and Locus Heterogeneity**  
Suzana Gispert, Nieves Santos, Reinhard Damen, Thomas Voit, Jörg Schulz, Thomas Klockgether, Guillermo Orozco, Friedmar Kreuz, Jean Weissenbach, and Georg Auburger
- 188 Autosomal Dominant Familial Spastic Paraparesis: Tight Linkage to Chromosome 15q**  
John K. Fink, Chin-tuan Brocade Wu, Sandra M. Jones, Greg B. Sharp, Bernadette M. Lange, Aubrey Lesicki, Todd Reinglass, Tena Varvil, Brith Otterud, and Mark Leppert

**193 The Gene for Spinal Cerebellar Ataxia 3 (SCA3) Is Located in a Region of ~3 cM on Chromosome 14q24.3-q32.2**

Giovanni Stevanin, Géraldine Cancel, Alexandra Dürr, Hervé Chneiweiss, Odile Dubourg, Jean Weissenbach, Howard M. Cann, Yves Agid, and Alexis Brice

**202 Refinement of the Spinal Muscular Atrophy Locus by Genetic and Physical Mapping**

C. H. Wang, P. W. Kleyn, E. Vitale, B. M. Ross, L. Lien, J. Xu, T. A. Carter, L. M. Brzustowicz, S. Obici, S. Selig, L. Pavone, E. Parano, G. K. Penchaszadeh, T. Munsat, L. M. Kunkel, and T. C. Gilliam

**210 Linkage Disequilibrium and Haplotype Analysis among Polish Families with Spinal Muscular Atrophy**

L. M. Brzustowicz, C. H. Wang, D. Matsecano, P. W. Kleyn, E. Vitale, K. Das, G. K. Penchaszadeh, T. L. Munsat, I. Hausmanowa-Petrusewicz, and T. C. Gilliam

**216 Gene Mapping of Usher Syndrome Type IIa: Localization of the Gene to a 2.1-cM Segment on Chromosome 1q41**

William J. Kimberling, Michael D. Weston, Claes Möller, Annelies van Aarem, Cor W. R. J. Cremers, J. Sumegi, Paul S. Ing, Christopher Connolly, Alessandro Martini, Massimo Milani, Marta L. Tamayo, Jaime Bernal, Jacquie Greenberg, and Carmen Ayuso

**224 X-Linked Progressive Mixed Deafness: A New Microdeletion That Involves a More Proximal Region in Xq21**

C. Piussan, A. Hanauer, N. Dahl, M. Mathieu, C. Kolski, V. Biancalana, S. Heyberger, and V. Strunski

**231 Mapping of the Gene for Machado-Joseph Disease within a 3.6-cM Interval Flanked by D14S291/D14S280 and D14S81, on the Basis of Studies of Linkage and Linkage Disequilibrium in 24 Japanese Families**

Hideao Sasaki, Akemi Wakisaka, Akio Takada, Takashi Yoshiki, Tatsuo Ihara, Yoshihiro Suzuki, Takeshi Hamada, Kiyoshi Iwabuchi, Keiko Onari, Jyoji Tada, Tomokazu Suzuki, and Kunio Tashiro

**243 Linkage Analysis of the Nail-Patella Syndrome**

Eric Campeau, David Watkins, Guy A. Rouleau, Riyana Babul, Janet A. Buchanan, Wendy Meschino, and Vazken M. Der Kaloustian

**248 Refining the Localization of the PKD2 Locus on Chromosome 4q by Linkage Analysis in Spanish Families with Autosomal Dominant Polycystic Kidney Disease Type 2**

José L. San Millán, Miguel Viribay, Belén Peral, Isabel Martínez, Jean Weissenbach, and Felipe Moreno

**254 An Evaluation of Genetic Heterogeneity in 145 Breast-Ovarian Cancer Families**

Steven A. Narod, Deborah Ford, Peter Devilee, Rosa B. Barkardottir, Henry T. Lynch, Simon A. Smith, Bruce A. J. Ponder, Barbara L. Weber, Judy E. Garber, Jill M. Birch, Renee S. Cornelis, David P. Kelsell, Nigel K. Spurr, Elizabeth Smyth, Neva Haites, Hagay Sobol, Yves-Jean Bignon, Jenny Chang-Claude, Ute Hamann, Annika Lindblom, Ake Borg, M. Steven Piver, Holly H. Gallion, Jeffrey P. Struewing, Alice Whittemore, Patricia Tonin, David E. Goldgar, Douglas F. Easton, and the Breast Cancer Linkage Consortium

**265 Breast and Ovarian Cancer Incidence in BRCA1-Mutation Carriers**

Douglas F. Easton, Deborah Ford, D. Timothy Bishop, and the Breast Cancer Linkage Consortium

**272 Is Congenital Bilateral Absence of Vas Deferens a Primary Form of Cystic Fibrosis? Analyses of the CFTR Gene in 67 Patients**

B. Mercier, C. Verlingue, W. Lissens, S. J. Silber, G. Novelli, M. Bonduelle, M. P. Audrézet, and C. Férec

- 278 Recurrence of the R408W Mutation in the Phenylalanine Hydroxylase Locus in Europeans**  
Randy C. EisenSmith, Alexei A. Goltsov, Charles O'Neill, Linda A. Tyfield, Eugene I. Schwartz, Alexei I. Kuzmin, Svetlana S. Baranovskaya, Gennady L. Tsukerman, Eileen Treacy, Charles R. Scriver, Flemming Gütter, Per Guldberg, Hans G. Eiken, Jaran Apold, Elisabeth Svensson, Eileen Naughten, Seamus F. Cahalane, David T. Croke, Forrester Cockburn, and Savio L. C. Woo
- 287 Genetic Variation in Lipoprotein (a) Levels in Families Enriched for Coronary Artery Disease Is Determined Almost Entirely by the Apolipoprotein (a) Gene Locus**  
Cynthia A. DeMeester, Xiangdong Bu, Richard J. Gray, Aldons J. Lusis, and Jerome I. Rotter
- 294 Multiple Glucose 6-Phosphate Dehydrogenase–Deficient Variants Correlate with Malaria Endemicity in the Vanuatu Archipelago (Southwestern Pacific)**  
Mary Ganczakowski, M. Town, D. K. Bowden, T. J. Vulliamy, A. Kaneko, J. B. Clegg, D. J. Weatherall, and L. Luzzatto
- 302 A Familial “Balanced” 3;9 Translocation with Cryptic 8q Insertion Leading to Deletion and Duplication of 9p23 Loci in Siblings**  
Joseph Wagstaff and Michael Hemann
- 310 Microsatellite-Based Fine Mapping of the Van der Woude Syndrome Locus to an Interval of 4.1 cM between DIS245 and DIS414**  
Achim Sander, Jeffrey C. Murray, Titia Scherbier-Heddemann, Kenneth H. Buetow, Jean Weissenbach, Markus Zingg, Kerstin Ludwig, and Rainer Schmelzle
- 319 Inferring a Major Gene for Quantitative Traits by Using Segregation Analysis with Tests on Transmission Probabilities: How Often Do We Miss?**  
I. B. Borecki, M. A. Province, and D. C. Rao

### **ASHG Background Paper**

- 327 Genetic Testing and Insurance**  
The Ad Hoc Committee on Genetic Testing/Insurance Issues

### **Letters to the Editor**

- 332 Genetic Counseling in a Swedish Alzheimer Family with Amyloid Precursor Protein Mutation**  
Lars Lannfelt, Karin Axelman, Lena Lilius, and Hans Basun
- 335 Possible Association between Monoamine Oxidase A Gene and Bipolar Affective Disorder**  
Yasuhiro Kawada, Mineko Hattori, Xiao Y. Dai, and Shin Nanko
- 336 Exclusion of the Neuronal Nitric Oxide Synthase Gene and the Human *achaete-scute* Homologue 1 Gene as Candidate Loci for Spinal Cerebellar Ataxia 2**  
Rebecca Twells, Weiming Xu, Douglas Ball, Rebecca Allotey, Robert Williamson, and Susan Chamberlain
- 337 Nonsyndromic Cleft Lip and Palate: Evidence of Linkage to a Microsatellite Marker on 6p23**  
Francesco Carinci, Furio Pezzetti, Luca Scapoli, Ernesto Padula, Ugo Baciliero, Camillo Curioni, and Mauro Tognon
- 339 Evidence for an Association between RFLPs at the Transforming Growth Factor Alpha (Locus) and Nonsyndromic Cleft Lip/Palate in a South American Population**  
Lilian Jara, Rafael Blanco, Italo Chiffelle, Hernan Palamino, and Hernan Carreño
- 341 Heterogeneity of the Autosomal Dominant Split Hand/Split Foot Malformation**  
Joel Zlotogora

**342 Reply to Zlotogora**

James P. Evans, Susan Palmer, Stephen W. Scherer, Mary Kukolich, Ellen M. Wijsman, Lap-Chee Tsui, and Karen Stephens

**343 Are Some Apparently Simple Deletions Actually Two Concerted Deletions That Result from Interacting RY(i) Hairpin Loops?**

Rhett P. Ketterling, Dongzhou Liao, and Steve S. Sommer

**Book Reviews**

- 347 The Molecular Basis of Blood Diseases, 2d ed.** Edited by George Stamatoyannopoulos, Arthur W. Nienhuis, Philip W. Majerus, and Harold Varmus

Reviewed by Peter T. Rowley

- 347 Genetics of Cellular, Individual, Family, and Population Variability.** Edited by Charles F. Sing and Craig L. Hanis

Reviewed by L. B. Jorde

- 349 The History and Geography of Human Genes.** By L. Luca Cavalli-Sforza, Paolo Menozzi, and Alberto Piazza

Reviewed by Rebecca L. Cann

- 350 The Calculation of Genetic Risks: Worked Examples in DNA Diagnostics.** By Peter J. Bridge

Reviewed by Eric P. Hoffman and Mary L. Marazita

**Announcements**

- 352 Employment and Fellowship Opportunities; Conferences; Laboratory Directory; Patient Registry;**

**Mutant-Cell Repository Bulletin Board; Call for Cases; 1996 ABMG Examination**

- 356 Errata**

**Information for Contributors**

February 1995

**Original Articles**

- 359 Response to Treatment in Hereditary Metabolic Disease: 1993 Survey and 10-Year Comparison**  
Eileen Treacy, Barton Childs, and Charles R. Scriver

- 368 Achondroplasia Is Defined by Recurrent G380R Mutations of FGFR3**

Gary A. Bellus, Timothy W. Hefferon, Rosa I. Ortiz de Luna, Jacqueline T. Hecht, William A. Horton, Mirta Machado, Ilkka Kaitila, Iain McIntosh, and Clair A. Francomano

- 374 Hypokalemic Periodic Paralysis and the Dihydropyridine Receptor (CACNL1A3): Genotype/Phenotype Correlations for Two Predominant Mutations and Evidence for the Absence of a Founder Effect in 16 Caucasian Families**

A. Elbaz, J. Vale-Santos, K. Jurkat-Rott, P. Lapie, R. A. Ophoff, B. Bady, T. P. Links, C. Piussan, A. Vila, N. Monnier, G. W. Padberg, K. Abe, N. Feingold, J. Guimaraes, A. R. Wintzen, J. H. van der Hoeven, J. M. Saudubray, J. P. Grunfeld, G. Lenoir, H. Nivet, B. Echenne, R. R. Frants, M. Fardeau, F. Lehmann-Horn, and B. Fontaine

- 381 X-Linked Liver Phosphorylase Kinase Deficiency Is Associated with Mutations in the Human Liver Phosphorylase Kinase  $\alpha$  Subunit**  
Inge E. T. van den Berg, Ellen A. C. M. van Beurden, Helga E. M. Malingré, Hans Kristian Ploos van Amstel, Bwee Tien Poll-The, Jan A. M. Smeitink, Wout H. Lamers, and Ruud Berger
- 388 An RNA-Splicing Mutation ( $G^{+5IVS20}$ ) in the Type II Collagen Gene (COL2A1) in a Family with Spondyloepiphyseal Dysplasia Congenita**  
George E. Tiller, Mary Ann Weis, Paula A. Polumbo, Helen E. Gruber, David L. Rimoin, Daniel H. Cohn, and David R. Eyre
- 396 A Gene for Late-Onset Fundus Flavimaculatus with Macular Dystrophy Maps to Chromosome 1p13**  
Sylvie Gerber, Jean-Michel Rozet, Dominique Bonneau, Eric Souied, Agnès Camuzat, Jean-Louis Dufier, Pierre Amalric, Jean Weissenbach, Arnold Munnich, and Josseline Kaplan
- 400 Brachydactyly and Mental Retardation: An Albright Hereditary Osteodystrophy-like Syndrome Localized to 2q37**  
L. C. Wilson, K. Leverton, M. E. M. Oude Luttikhuis, C. A. Oley, J. Flint, J. Wolstenholme, D. P. Duckett, M. A. Barrow, J. V. Leonard, A. P. Read, and R. C. Trembath
- 408 A Gene for Familial Total Anomalous Pulmonary Venous Return Maps to Chromosome 4p13-q12**  
Steven Bleyl, Lesa Nelson, Shannon J. Odelberg, Herbert D. Ruttenberg, Britth Otterud, Mark Leppert, and Kenneth Ward
- 416 Homozygosity Mapping, to Chromosome 11p, of the Gene for Familial Persistent Hyperinsulinemic Hypoglycemia of Infancy**  
Pamela M. Thomas, Gilbert J. Cote, D. Michael Hallman, and P. M. Mathew
- 422 Autosomal Dominant Distal Myopathy: Linkage to Chromosome 14**  
N. G. Laing, B. A. Laing, C. Meredith, S. D. Wilton, P. Robbins, K. Honeyman, S. Dorosz, H. Kozman, F. L. Mastaglia, and B. A. Kakulas
- 428 Haplotype Analysis in Australian Hemochromatosis Patients: Evidence for a Predominant Ancestral Haplotype Exclusively Associated with Hemochromatosis**  
E. C. Jazwinska, W. R. Pyper, M. J. Burt, J. L. Francis, S. Goldwurm, S. I. Webb, S. C. Lee, J. W. Halliday, and L. W. Powell
- 434 Failure of Imprinting at Igf-2: Two Models of Mutation-Selection Balance**  
Hamish G. Spencer and Michael J. M. Williams
- 438 Studies on Phenotypic Complementation of Ataxia-Telangiectasia Cells by Chromosome Transfer**  
Wim Jongmans, Gerald W. C. T. Verhaegh, Nicolaas G. J. Jaspers, Mitsuo Oshimura, Eric J. Stanbridge, Paul H. M. Lohman, and Małgorzata Z. Zdzienicka
- 444 Molecular Studies of Chromosomal Mosaicism: Relative Frequency of Chromosome Gain or Loss and Possible Role of Cell Selection**  
W. P. Robinson, F. Binkert, F. Bernasconi, I. Lorda-Sánchez, E. A. Werder, and A. A. Schinzel
- 452 An Analysis of Human Sperm Chromosome Breakpoints**  
Anna M. Estop, Carmen Márquez, Santiago Munné, Joaquima Navarro, Kathleen Cieply, Vivian Van Kirk, Maria Rosa Martorell, Jordi Benet, and Cristina Templado
- 461 Population Genetics of Dinucleotide ( $dC-dA$ )<sub>n</sub> · ( $dG-dT$ )<sub>n</sub> Polymorphisms in World Populations**  
Ranjan Deka, Li Jin, Mark D. Shriver, Ling M. Yu, Susan DeCroo, Joachim Hundrieser, Clareann H. Bunker, Robert E. Ferrell, and Ranajit Chakraborty
- 475 Methods for Genetic Linkage Analysis Using Trisomies**  
Eleanor Feingold, Neil E. Lamb, and Stephanie L. Sherman

**484 A Strategy for Constructing High-Resolution Genetic Maps of the Human Genome: A Genetic Map of Chromosome 17p, Ordered with Meiotic Breakpoint–Mapping Panels**

Steven C. Gerken, Hans Albertsen, Tami Elsner, Linda Ballard, Pilar Holik, Elizabeth Lawrence, Mary Moore, Xuyun Zhao, and Ray White

**500 Breakpoint Analysis: Precise Localization of Genetic Markers by Means of Nonstatistical Computation Using Relatively Few Genotypes**

Tami I. Elsner, Hans Albertsen, Steven C. Gerken, Peter Cartwright, and Ray White

**508 Two Statistical Tests for Meiotic Breakpoint Analysis**

Rosemarie Plaetke and Gabriel A. Schachtel

**519 Rapid Multipoint Linkage Analysis of Recessive Traits in Nuclear Families, Including Homozygosity Mapping**

Leonid Kruglyak, Mark J. Daly, and Eric S. Lander

**528 Association of *LMP2* and *LMP7* Genes within the Major Histocompatibility Complex with Insulin-Dependent Diabetes Mellitus: Population and Family Studies**

Glenn Y. Deng, Andrew Muir, Noel K. MacLaren, and Jin-Xiong She

**ASHG Report****535 Report from the ASHG Information and Education Committee: Medical School Core Curriculum in Genetics**

ASHG Information and Education Committee

**Letters to the Editor****538 An Open Letter to The American Society of Human Genetics: The Neglected Genetic Issue—The Why and How of Curbing Population Growth**

James V. Neel

**542 A Novel Microsatellite DNA Marker at Locus D7S1870 Detects Hemizygosity in 75% of Patients with Williams Syndrome**

Brigitte Gilbert-Dussardier, Dominique Bonneau, Nadine Gigarel, Martine Le Merrer, Damien Bonnet, Nicole Philip, Françoise Serville, Alain Verloes, Annick Rossi, Sérgolène Aymé, Jean Weissenbach, Marie-Geneviève Mattei, Stanislas Lyonnet, and Arnold Munnich

**544 Cystic Fibrosis Carrier Screening in Hispanics**

Iordanis Arzimanoglou, Ari Tuchman, Zhen Li, and Fred Gilbert, with the collaboration of Carolyn Denning, Kathleen Valverde, Heather Zar, and Lynne Quittell

**Book Review****548 Developmental Toxicology. 2d ed.** Edited by Carole A. Kimmel and Judy Buelke-Sam. In: **Target Organ Toxicology Series. Edited by** A. Wallace Hayes, John A. Thomas, and Donald E. Gardner

Reviewed by Gilbert S. Omenn

**Announcements****549 Employment and Fellowship Opportunities; Meeting; Call for Specimens; Guide to Shipping Biological Material****552 Erratum****Information for Contributors**

March 1995

**Invited Editorial**

- 553 Pyruvate Dehydrogenase E<sub>1</sub>α Deficiency: Males and Females Differ Yet Again**  
Hans-Henrik M. Dahl

**Original Articles**

- 558 Mutations in the X-Linked E<sub>1</sub>α Subunit of Pyruvate Dehydrogenase: Exon Skipping, Insertion of Duplicate Sequence, and Missense Mutations Leading to the Deficiency of the Pyruvate Dehydrogenase Complex**

Kathy Chun, Nevena MacKay, Roumyana Petrova-Benedict, Antonio Federico, Alberto Fois, David E. C. Cole, Evelyn Robertson, and Brian H. Robinson

- 570 Similar Splicing Mutations of the Menkes/Mottled Copper-Transporting ATPase Gene in Occipital Horn Syndrome and the Blotchy Mouse**

Soma Das, Barbara Levinson, Christopher Vulpe, Susan Whitney, Jane Gitschier, and Seymour Packman

- 577 Epidermolysis Bullosa Simplex: A Keratin 5 Mutation Is a Fully Dominant Allele in Epidermal Cytoskeleton Function**

Karen Stephens, Abraham Zlotogorski, Lynne Smith, Pamela Ehrlich, Ellen Wijsman, Robert J. Livingston, and Virginia P. Sybert

- 586 An Intronogenic Deletion of the P Gene Is the Common Mutation Causing Tyrosinase-Positive Oculocutaneous Albinism in Southern African Negroids**

Gwynneth Stevens, Jason van Beukering, Trefor Jenkins, and Michele Ramsay

- 592 Identification of New Mutations in the Cu/Zn Superoxide Dismutase Gene of Patients with Familial Amyotrophic Lateral Sclerosis**

A. Pramatarova, D. A. Figlewicz, A. Krizus, F. Y. Han, I. Ceballos-Picot, A. Nicole, M. Dib, V. Meininger, R. H. Brown, and G. A. Rouleau

- 597 Molecular Diagnosis of Mucopolysaccharidosis Type II (Hunter Syndrome) by Automated Sequencing and Computer-Assisted Interpretation: Toward Mutation Mapping of the Iduronate-2-Sulfatase Gene**

Jon J. Jonsson, Elena L. Aronovich, Stephen E. Braun, and Chester B. Whitley

- 608 Germ-Line p53 Mutations in 15 Families with Li-Fraumeni Syndrome**

Thierry Frebourg, Noëlle Barbier, Yu-xin Yan, Judith E. Garber, Margaret Dreyfus, Joseph Fraumeni, Jr., Frederick P. Li, and Stephen H. Friend

- 616 Pyridoxine-Responsive Gyrate Atrophy of the Choroid and Retina: Clinical and Biochemical Correlates of the Mutation A226V**

Jacques Michaud, Geoffrey N. Thompson, Lawrence C. Brody, Gary Steel, Cassandra Obie, Gisèle Fontaine, Keith Schappert, C. Gregory Keith, David Valle, and Grant A. Mitchell

- 623 A Novel Donor Splice Site in Intron 11 of the CFTR Gene, Created by Mutation 1811+1.6kbA→G, Produces a New Exon: High Frequency in Spanish Cystic Fibrosis Chromosomes and Association with Severe Phenotype**

M. Chillón, T. Dörk, T. Casals, J. Giménez, N. Fonknechten, K. Will, D. Ramos, V. Nunes, and X. Estivill

- 630 Galactosemia: A Strategy to Identify New Biochemical Phenotypes and Molecular Genotypes**

L. J. Elsas, S. Langley, E. Steele, J. Evinger, J. L. Fridovich-Keil, A. Brown, R. Singh, P. Fernhoff, L. N. Hjelm, and P. P. Dembure

**640 Identification and Functional Analysis of Three Distinct Mutations in the Human Galactose-I-Phosphate Uridyltransferase Gene Associated with Galactosemia in a Single Family**

J. L. Fridovich-Keil, S. D. Langley, L. A. Mazur, J. C. Lennon, P. P. Dembure, and L. J. Elsas II

**647 Studies of X Inactivation and Isodisomy in Twins Provide Further Evidence That the X Chromosome Is Not Involved in Rett Syndrome**

Barbara R. Migeon, Melanie A. Dunn, George Thomas, Barbara J. Schmeckpeper, and Sakkubai Naidu

**654 Batten Disease Gene, CLN3: Linkage Disequilibrium Mapping in the Finnish Population, and Analysis of European Haplotypes**

Hannah M. Mitchison, Angela M. O'Rawe, Peter E. M. Taschner, Lodewijk A. Sandkuijl, Pirkko Santavuori, Nanneke de Vos, Martijn H. Breuning, Sara E. Mole, R. Mark Gardiner, and Irma E. Järvelä

**663 Chromosome 16 Microdeletion in a Patient with Juvenile Neuronal Ceroid Lipofuscinosis (Batten Disease)**

Peter E. M. Taschner, Nanneke de Vos, Andrew D. Thompson, David F. Callen, Norman Doggett, Sara E. Mole, Thomas P. Dooley, Peter G. Barth, and Martijn H. Breuning

**669 Trisomy 18: Studies of the Parent and Cell Division of Origin and the Effect of Aberrant Recombination on Nondisjunction**

J. M. Fisher, J. F. Harvey, N. E. Morton, and P. A. Jacobs

**676 Clinical and Molecular Characterization of Patients with Distal 11q Deletions**

Laura A. Penny, Marie Dell'Aquila, Marilyn C. Jones, JoAnn Bergoffen, Christopher Cunniff, Jean-Pierre Fryns, Elizabeth Grace, John M. Graham, Jr., Boris Kousseff, Teresa Mattina, James Syme, Lucille Voulaire, Leopoldo Zelante, Julie Zenger-Hain, Oliver W. Jones, and Glen A. Evans

**684 Mapping of a Further Malignant Hyperthermia Susceptibility Locus to Chromosome 3q13.1**

Ralf Sudbrak, Vincent Procaccio, Monica Klausnitzer, Julie L. Curran, Koen Monsieurs, Christine Van Broeckhoven, Richard Ellis, Luc Heyetens, Edmund J. Hartung, Geneviève Kozak-Ribbens, Dorit Heilinger, Jean Weissenbach, Frank Lehman-Horn, Clemens R. Mueller, Thomas Deufel, Alistair D. Stewart, and Joël Lunardi

**692 Linkage of Early-Onset Osteoarthritis and Chondrocalcinosis to Human Chromosome 8q**

Clinton T. Baldwin, Lindsay A. Farrer, Ronald Adair, Rita Dharmavaram, Sergio Jimenez, and Larry Anderson

**698 Genetic Heterogeneity in Multiple Epiphyseal Dysplasia**

Michelle Deere, Susan Halloran Blanton, Charles I. Scott, Leonard O. Langer, Richard M. Pauli, and Jacqueline T. Hecht

**705 Deletion and Translocation of Chromosome 11q13 Sequences in Cervical Carcinoma Cell Lines**

Rachel A. Jesudasan, Rezaur A. Rahman, Sattera Chandrashekharappa, Glen A. Evans, and Eri S. Srivatsan

**716 The Molecular Basis of HEXA mRNA Deficiency Caused by the Most Common Tay-Sachs Disease Mutation**

Debra J. Boles and Richard L. Proia

**725 Characterization of Revertant Muscle Fibers in Duchenne Muscular Dystrophy, Using Exon-Specific Monoclonal Antibodies against Dystrophin**

Le Thiet Thanh, Nguyen thi Man, T. R. Hellierwell, and G. E. Morris

**732 Prospective Assessment of Risks for Cervicomedullary-Junction Compression in Infants with Achondroplasia**

Richard M. Pauli, V. Kim Horton, Lisa P. Glinski, and Catherine A. Reiser

**745 Recommendations for Standardized Human Pedigree Nomenclature**

Robin L. Bennett, Kathryn A. Steinhaus, Stefanie B. Uhrich, Corrine K. O'Sullivan, Robert G. Resta, Debra Lochner-Doyle, Dorene S. Markel, Victoria Vincent, and Jan Hamanishi

- 753 Timing and Genetic Rapport between Growth in Skeletal Maturity and Height around Puberty: Similarities and Differences between Girls and Boys**  
Danuta Z. Loesch, John L. Hopper, Elżbieta Rogucka, and Richard M. Huggins
- 760 Delivery of Molecular Genetic Services within a Health Care System: Time Analysis of the Clinical Workload**  
Linda C. Surh, Peter G. Wright, Mario Cappelli, Ann Kasaboski, Valerie A. Hastings, Alasdair G. Hunter, and the Molecular Genetic Study Group
- 769 Prenatal Genetic Counseling for Hemoglobinopathy Carriers: A Comparison of Primary Providers of Prenatal Care and Professional Genetic Counselors**  
Peter T. Rowley, Starlene Loader, Carol J. Sutera, and Alyssa Kozyra
- 777 A Powerful Likelihood Method for the Analysis of Linkage Disequilibrium between Trait Loci and One or More Polymorphic Marker Loci**  
Joseph D. Terwilliger
- 788 Multipoint Linkage Analysis Using Sib Pairs: An Interval Mapping Approach for Dichotomous Outcomes**  
Jane M. Olson
- 799 An E-M Algorithm and Testing Strategy for Multiple-Locus Haplotypes**  
Jeffrey C. Long, Robert C. Williams, and Margrit Urbanek

### Letters to the Editor

- 811 A Note on the Application of the Transmission Disequilibrium Test When a Parent is Missing**  
D. Curtis and P. C. Sham
- 812 mtDNA D-Loop 6-bp Deletion Found in the Chilean Aymara: Not a Unique Marker for Chibcha-Speaking Amerindians**  
D. Andrew Merriwether, Robert E. Ferrell, and Francisco Rothhammer

### Book Reviews

- 814 Assessing Genetic Risks: Implications for Health and Social Policy.** Edited by Lori B. Andrews, Jane E. Fullarton, Neil A. Holtzman, and Amo G. Motulsky  
Reviewed by Charles R. Scriver
- 816 DNA Fingerprinting.** By M. Krawczak and J. Schmidtke  
Reviewed by Ann Reynolds

### Announcements

- 818 Employment and Fellowship Opportunities; Meetings; Short Course; Human Genome News; Mutant Cell Repository; Call for Nominations**

### Information for Contributors

April 1995

**Invited Editorials****821 Gene-Environment Interaction and Public Health**

Ruth Ottman

**824 Cervicomедullary Junction Compression in Infants with Achondroplasia: When to Perform Neurosurgical Decompression**

David L. Rimoin

**828 Genes of the Copper Pathway**

Diane W. Cox

**Original Articles****835 Epidemiological Evaluation of the Use of Genetics to Improve the Predictive Value of Disease Risk Factors**

Muin J. Khoury and Diane K. Wagener

**845 Identification of Polymorphisms and Sequence Variants in the Human Homologue of the Mouse Natural Resistance-Associated Macrophage Protein Gene**

Jing Liu, T. Mary Fujiwara, Natalie T. Buu, Fabio O. Sánchez, Mathieu Cellier, Ann Josée Paradis, Danielle Frappier, Emil Skamene, Philippe Gros, Kenneth Morgan, and Erwin Schurr

**854 Mutations in the Gene for X-Linked Adrenoleukodystrophy in Patients with Different Clinical Phenotypes**

Andreas Braun, Helmut Ambach, Stefan Kammerer, Boris Rolinski, Sylvia Stöckler, Wolfgang Rabl, Jutta Gärtner, Stephan Zierz, and Adelbert A. Roscher

**862 Two Novel SRY Missense Mutations Reducing DNA Binding Identified in XY Females and Their Mosaic Fathers**

Michel Schmitt-Ney, Hannelore Thiele, Petra Kaltwaßer, Barbara Bardoni, Mariangela Cisternino, and Gerd Scherer

**870 Mutational Analyses of Tay-Sachs Disease: Studies on Tay-Sachs Carriers of French Canadian Background Living in New England**

Barbara Triggs-Raine, Melanie Richard, Norman Wasel, Elizabeth M. Prengle, and Marvin R. Natowicz

**880 Insertion of an Alu Sequence in the  $\text{Ca}^{2+}$ -Sensing Receptor Gene in Familial Hypocalciuric Hypercalcemia and Neonatal Severe Hyperparathyroidism**

Natasa Janicic, Zdenka Pausova, David E. C. Cole, and Geoffrey N. Hendy

**887 Leaky Splicing Mutation in the Acid Maltase Gene Is Associated with Delayed Onset of Glycogenosis Type II**

Cornelius F. Boerkoel, Rachel Exelbert, Catherine Nicastri, Ralph Nichols, Frederick W. Miller, Paul H. Plotz, and Nina Raben

**898 Characterization of Nine Novel Mutations in the CD40 Ligand Gene in Patients with X-Linked Hyper IgM Syndrome of Various Ancestry**

Paolo Macchi, Anna Villa, Dario Strina, Maria Grazia Sacco, Federica Morali, Duilio Brugnoni, Silvia Giliani, Elide Mantuano, Anders Fasth, Bengt Andersson, Ben J. M. Zegers, Giovanni Cavagni, Igor Reznick, Jacob Levy, Israel Zan-Bar, Yael Porat, Paolo Airò, Alessandro Plebani, Paolo Vezzoni, and Luigi D. Notarangelo

- 907 Overlapping Submicroscopic Deletions in Xq28 in Two Unrelated Boys with Developmental Disorders: Identification of a Gene Near FRAXE**  
Á. K. Gedeon, M. Keinänen, L. C. Adès, H. Kääriäinen, J. Gécz, E. Baker, G. R. Sutherland, and J. C. Mulley
- 915 Cytogenetic and Molecular Studies of Down Syndrome Individuals with Leukemia**  
J. J. Shen, B. J. Williams, A. Zipursky, J. Doyle, S. L. Sherman, P. A. Jacobs, A. L. Shugar, S. W. Soukup, and T. J. Hassold
- 926 The 18q<sup>-</sup> Syndrome: Analysis of Chromosomes by Bivariate Flow Karyotyping and the PCR Reveals a Successive Set of Deletion Breakpoints within 18q21.2-q22.2**  
Gary A. Silverman, Sandra S. Schneider, Hillary F. Massa, Alan Flint, Marc Lalande, Jay C. Leonard, Joan Overhauser, Ger van den Engh, and Barbara J. Trask
- 938 A Gene for Cleidocranial Dysplasia Maps to the Short Arm of Chromosome 6**  
George J. Feldman, Nathaniel H. Robin, Louise A. Brueton, Elaine Robertson, Elizabeth M. Thompson, Jacqueline Siegel-Bartelt, David L. Gasser, L. Charles Bailey, Elaine H. Zackai, and Maximilian Muenke
- 944 Hereditary Hyperparathyroidism-Jaw Tumor Syndrome: The Endocrine Tumor Gene HRPT2 Maps to Chromosome 1q21-q31**  
József Szabó, Brett Heath, Virginia M. Hill, Charles E. Jackson, Richard J. Zarbo, Lawrence E. Mallette, Shern L. Chew, Gordon M. Besser, Rajesh V. Thakker, Vicki Huff, Mark F. Leppert, and Hunter Heath III
- 951 Y Chromosomal DNA Variation and the Peopling of Japan**  
Michael F. Hammer and Satoshi Horai
- 963 Human T-Cell Receptor V $\beta$  Gene Polymorphism and Multiple Sclerosis**  
Shan Wei, Patrick Charmley, Richard I. Birchfield, and Patrick Concannon
- 970 Variability of the Genetic Contribution of Quebec Population Founders Associated to Some Deleterious Genes**  
Evelyne Heyer and Marc Tremblay
- 979 Demographic History of India and mtDNA-Sequence Diversity**  
Joanna L. Mountain, Joan M. Hebert, Silanjan Bhattacharyya, Peter A. Underhill, Chris Ottolenghi, Madhav Gadgil, and L. Luca Cavalli-Sforza
- 993 Association of Attention-Deficit Disorder and the Dopamine Transporter Gene**  
Edwin H. Cook, Jr., Mark A. Stein, Matthew D. Krasowski, Nancy J. Cox, Deborah M. Olkon, John E. Kieffer, and Bennett L. Leventhal
- Letters to the Editor**
- 999 Deletion Mapping of X-Linked Mixed Deafness (DFN3) Identifies a 265–525-kb Region Centromeric of DDX26**  
Niklas Dahl, Jocelyn Laporte, Lingia Hu, Valéry Biancalana, Denis Le Paslier, Daniel Cohen, Charles Piussan, and Jean-Louis Mandel
- 1002 Diverse Mutations in the Aldolase B Gene That Underlie the Prevalence of Hereditary Fructose Intolerance**  
Manir Ali and Timothy M. Cox
- 1005 Allelic Association between the HUMF13A01 (AAAG), STR Locus and a Nearby Two-Base Insertion/Deletion Polymorphic Marker**  
Rosaria Scozzari, Fulvio Cruciani, Piero Santolamazza, Daniele Sellitto, David Modiano, and Wangwei Cai

## Book Reviews

- 1007 Diagnostic Criteria for Neuromuscular Disorders.** Edited by Alan E. H. Emery  
Reviewed by Thomas D. Bird
- 1007 Genetics of Colorectal Cancer for Clinical Practice.** By Fred H. Menko  
Reviewed by Wylie Burke
- 1008 Justice and the Human Genome Project.** Edited by Timothy F. Murphy and Marc A. Lappé  
Reviewed by Sharon J. Durfy
- 1009 Callosal Agenesis: A Natural Split Brain?** Edited by Maryse Lassonde and Malcolm A. Jeeves  
Reviewed by Alasdair G. W. Hunter
- 1010 Culture Clash: Law and Science in America.** Edited by Stephen Goldberg  
Reviewed by Philip R. Reilly

## Announcements

- 1012 Employment and Fellowship Opportunities; Course and Workshops; Call for Cases; Cell Lines and Hybridomas Reference Guide; Cell Cultures; Call for Nominations**
- 1015 Erratum**

## Information for Contributors

May 1995

## Original Articles

- 1017 Segregation Patterns of a Novel Mutation in the Mitochondrial tRNA Glutamic Acid Gene Associated with Myopathy and Diabetes Mellitus**  
Huiling Hao, Eduardo Bonilla, Giovanni Manfredi, Salvatore DiMauro, and Carlos T. Moraes
- 1026 Congenital Encephalomyopathy and Adult-Onset Myopathy and Diabetes Mellitus: Different Phenotypic Associations of a New Heteroplasmic mtDNA tRNA Glutamic Acid Mutation**  
M. G. Hanna, I. Nelson, M. G. Sweeney, J. M. Cooper, P. J. Watkins, J. A. Morgan-Hughes, and A. E. Harding
- 1034 Characterization of Phenylalanine Hydroxylase Alleles in Untreated Phenylketonuria Patients from Victoria, Australia: Origin of Alleles and Haplotypes**  
Susan J. Ramus, Eileen P. Treacy, and Richard G. H. Cotton
- 1042 An Atypical Case of Fragile X Syndrome Caused by a Deletion That Includes the FMRI Gene**  
Franklin Quan, Jonathan Zonana, Kristine Gunter, Kristin L. Peterson, R. Ellen Magenis, and Bradley W. Popovich
- 1052 Seven Novel Mutations in the Methylenetetrahydrofolate Reductase Gene and Genotype/Phenotype Correlations in Severe Methylenetetrahydrofolate Reductase Deficiency**  
Philippe Goyette, Phyllis Frosst, David S. Rosenblatt, and Rima Rozen

**1060 Seven New Mutations in *hMSH2*, an HNPCC Gene, Identified by Denaturing Gradient-Gel Electrophoresis**

Juul Wijnen, Hans Vasen, P. Meera Khan, Fred H. Menko, Heleen van der Klift, Claus van Leeuwen, Marianne van den Broek, Inge van Leeuwen-Cornelisse, Fokko Nagengast, Anne Meijers-Heijboer, Dick Lindhout, Gerrit Griffioen, Annemieke Cats, Jan Kleibeuker, Liliana Varesco, Lucio Bertario, Marie Luise Bisgaard, Jan Mohr, and Riccardo Fodde

**1067 De Novo Myotonic Dystrophy Mutation in a Nigerian Kindred**

R. Krahe, M. Eckhart, A. O. Ogunniyi, B. O. Osuntokun, M. J. Siciliano, and T. Ashizawa

**1075 Mutations in the Human  $\text{Ca}^{2+}$ -Sensing-Receptor Gene That Cause Familial Hypocalciuric Hypercalcemia**

Yah-Huei Wu Chou, Martin R. Pollak, Maria L. Brandi, Goran Toss, H. Arqvist, A. Brew Atkinson, Socrates E. Papapoulos, Stephen Marx, Edward M. Brown, J. G. Seidman, and Christine E. Seidman

**1080 Testing Parental Imprinting in Insulin-Dependent Diabetes Mellitus by the Marker-Association-Segregation- $\chi^2$  Method**

P. Margaritte-Jeannin, F. Clerget-Darpoux, J. Hors, and I. Deschamps

**1088 Random Search for Shared Chromosomal Regions in Four Affected Individuals: The Assignment of a New Hereditary Ataxia Locus**

Kaisu Nikali, Anu Suomalainen, Joseph Terwilliger, Tuula Koskinen, Jean Weissenbach, and Leena Peltonen

**1096 The Gene for Hereditary Bullous Dystrophy, X-Linked Macular Type, Maps to the Xq27.3-qter Region**

Mario Wijker, Marjolijn J. L. Ligtenberg, Frans Schoute, Joep C. Defesche, Gerard Pals, Pieter A. Bolhuis, Hans H. Ropers, Theo J. M. Hulsebos, Fred H. Menko, Bernard A. van Oost, M. Serena Lungarotti, and Fré Arwert

**1101 The Severe Perinatal Form of Autosomal Recessive Polycystic Kidney Disease Maps to Chromosome 6p21.1-p12: Implications for Genetic Counseling**

L. M. Guay-Woodford, G. Muecher, S. D. Hopkins, E. D. Avner, G. G. Germino, A. P. Guillot, J. Herrin, R. Holleman, D. A. Irons, W. Primack, P. D. Thomson, F. B. Waldo, P. W. Lunt, and K. Zerres

**1108 Myotubular Myopathy in a Girl with a Deletion at Xq27-q28 and Unbalanced X Inactivation Assigns the MTM1 Gene to a 600-kb Region**

N. Dahl, L. J. Hu, M. Chery, M. Fardeau, S. Gilgenkrantz, A. Nivelon-Chevallier, I. Sidaner-Noisette, F. Mugneret, J. B. Gouyon, A. Gal, P. Kioschis, M. d'Urso, and J.-L. Mandel

**1116 Ataxia with Vitamin E Deficiency: Refinement of Genetic Localization and Analysis of Linkage Disequilibrium by Using New Markers in 14 Families**

Nathalie Doerflinger, Catherine Linder, Karim Ouahchi, Gabor Gyapay, Jean Weissenbach, Denis Le Paslier, Philippe Rigault, Samir Belal, Christiane Ben Hamida, Fayçal Bentati, Mongi Ben Hamida, Massimo Pandolfo, Stephano DiDonato, Ronald Sokol, Herbert Kayden, Pierre Landrieu, Alexandra Durr, Alexis Brice, Françoise Goutières, Alfried Kohlschütter, Pascal Sabouraud, Ali Benomar, Mohamed Yahyaoui, Jean-Louis Mandel, and Michel Koenig

**1125 Hereditary Multiple Exostosis and Chondrosarcoma: Linkage to Chromosome 11 and Loss of Heterozygosity for EXT-Linked Markers on Chromosomes 11 and 8**

Jacqueline T. Hecht, Deborah Hogue, Louise C. Strong, Marc F. Hansen, Susan H. Blanton, and Michael Wagner

**1132 Loss of Heterozygosity in Chondrosarcomas for Markers Linked to Hereditary Multiple Exostoses Loci on Chromosomes 8 and 11**

Wendy H. Raskind, Ernest U. Conrad, Howard Chansky, and Mark Matsushita

**1140 Wilson Disease in Iceland: A Clinical and Genetic Study**

Gordon R. Thomas, Ólafur Jansson, Gunnar Gudmundsson, Leifur Thorsteinsson, and Diane W. Cox

**I147 The Fragile X Premutation in Carriers and Its Effect on Mutation Size in Offspring**

Gene S. Fisch, Karen Snow, Stephen N. Thibodeau, Maryse Chalifaux, Jeanette J. A. Holden, David L. Nelson, Patricia N. Howard-Peebles, and Anne Maddalena

**I156 Deletions of the Elastin Gene at 7q11.23 Occur in ~90% of Patients with Williams Syndrome**

Elizabeth Nickerson, Frank Greenberg, Mark T. Keating, Christopher McCaskill, and Lisa G. Shaffer

**I162 Molecular Definition of Deletions of Different Segments of Distal 5p That Result in Distinct Phenotypic Features**

Deanna M. Church, Ulla Bengtsson, Kirsten Vang Nielsen, John J. Wasmuth, and Erik Niebuhr

**I173 Homozygosity for Waardenburg Syndrome**

Joël Zlotogora, Israela Lerer, Shirli Bar-David, Zivanit Ergaz, and Dvorah Abeliovich

**I179 The Genetic Epidemiology of Leprosy in a Brazilian Population**

Mary F. Feitosa, Ingrid Borecki, Henrique Krieger, Bernardo Beiguelman, and D. C. Rao

**I186 Differential Allelic Expression of the Type II Collagen Gene (COL2A1) in Osteoarthritic Cartilage**

John Loughlin, Catherine Irven, Nicholas Athanasou, Andrew Carr, and Bryan Sykes

**I194 Genetic and Environmental Sources of Fibrinogen Variability in Israeli Families: The Kibbutzim Family Study**

Yechiel Friedlander, Yehudit Elkana, Ronit Sinnreich, and Jeremy D. Kark

**I207 Segregation Distortion in the Offspring of Afro-American Fathers with Postaxial Polydactyly**

Iêda Maria Orioli

**I212 High-Resolution Genetic Mapping of Complex Traits**

Leonid Kruglyak and Eric S. Lander

**I224 Multipoint Interval Mapping of Quantitative Trait Loci, Using Sib Pairs**

D. W. Fulker, S. S. Cherny, and L. R. Cardon

**Letters to the Editor****I234 mtDNA Haplogroups in Native Americans**

Antonio Torroni and Douglas C. Wallace

**I236 Reply to Torroni and Wallace**

Néstor O. Bianchi and Francisco Rothhammer

**I238 A Mitochondrial Mutation at nt 9101 in the ATP Synthase 6 Gene Associated with Deficient Oxidative Phosphorylation in a Family with Leber Hereditary Optic Neuropathy**

Tarja Lamminen, Anna Majander, Vesa Juvonen, Mårten Wikström, Pertti Aula, Eeva Nikoskelainen, and Marja-Liisa Savontaus

**I240 Exclusion of Chromosome 1q21-q31 from Linkage to Three Pedigrees Affected by the Pigment-Dispersion Syndrome**

Cristina Paglinuan, Jonathan L. Haines, Elizabeth A. Del Bono, Joel Schuman, Steven Stawski, and Janey L. Wiggs

**I243 Molecular Analysis of Glucose-6-Phosphate Dehydrogenase Variants in the Solomon Islands**

Akira Hirono, Akira Ishii, Nathan Kere, Hisaichi Fujii, Kazue Hirono, and Shiro Miwa

**1245 Race Hygiene in Nazi Germany**

Hans-Jürgen Pander and Eberhard Schwinger

**1246 Reply to Pander and Schwinger**

Kenneth L. Garver and Betty Lee Garver

**1247 Origin and Distribution of B mtDNA Lineage in South America**

Francisco Rothhammer and Néstor O. Bianchi

**1248 Reply to Rothhammer and Bianchi**

R. L. Cann

**Book Reviews****1249 Teratogenic Effects of Drugs: A Resource for Clinicians (TERIS).** By J. M. Friedman and J. E. Polifka

Reviewed by John C. Carey

**1250 Genome Rearrangement and Stability.** Edited by Kay E. Davies and Stephen T. Warren. Vol. 7 in: **Genome****Analysis.** Edited by Kay E. Davies and Shirley M. Tilghman

Reviewed by Richard Kolodner

**1251 Handbook of Human Genetic Linkage.** By Joseph Terwilliger and Jurg Ott

Reviewed by Deborah A. Meyers

**Announcements****1252 Employment Opportunities; Research Associateship; Meetings; Workshop; ATCC/NIH Repository Catalog; Call for Specimens; Call for Subjects****1255 Erratum****Information for Contributors**

June 1995

**Invited Editorials****1257 Transcription-Related Human Disorders**

James E. Cleaver and Michael L. Hultner

**1262 Genetics of Bipolar Affective Disorder: Time for Another Reinvention?**

Joel Gelernter

**Original Articles****1267 UV<sup>a</sup> Syndrome, a New General Category of Photosensitive Disorder with Defective DNA Repair, Is Distinct from Xeroderma Pigmentosum Variant and Rodent Complementation Group I**

T. Itoh, Y. Fujiwara, T. Ono, and M. Yamaizumi

**1277 Patterns of Maternal Transmission in Bipolar Affective Disorder**

Francis J. McMahon, O. Colin Stine, Deborah A. Meyers, Sylvia G. Simpson, and J. Raymond DePaulo

**I287 A Gly1127Ser Mutation in an EGF-Like Domain of the Fibrillin-1 Gene Is a Risk Factor for Ascending Aortic Aneurysm and Dissection**

Uta Francke, Mary Anne Berg, Katherine Tynan, Thomas Brenn, Wanguo Liu, Takeshi Aoyama, Cheryll Gasner, D. Craig Miller, and Heinz Furthmayr

**I297 Mutations in the SLC3A1 Transporter Gene in Cystinuria**

Elon Pras, Nina Raben, Eliahu Golomb, Nadir Arber, Ivona Aksentijevich, Jonathan M. Schapiro, Daniela Harel, Giora Katz, Uri Liberman, Mordechai Pras, and Daniel L. Kastner

**I304 New Domains of Neural Cell–Adhesion Molecule LI Implicated in X-Linked Hydrocephalus and MASA Syndrome**

Monique Jouet, Anne Moncla, Joan Paterson, Carole McKeown, Alan Fryer, Nancy Carpenter, Eva Holmberg, Claes Wadelius, and Susan Kenrick

**I315 Haplotypes and Mutations in Wilson Disease**

Gordon R. Thomas, Eve A. Roberts, John M. Walshe, and Diane W. Cox

**I320 Frequent Intragenic Deletion of the P Gene in Tanzanian Patients with Type II Oculocutaneous Albinism (OCA2)**

Richard A. Spritz, Kazuyoshi Fukai, Stuart A. Holmes, and Jeffrey Luande

**I324 The Molecular Basis of Homocystinuria Due to Cystathione  $\beta$ -Synthase Deficiency in Italian Families, and Report of Four Novel Mutations**

Gianfranco Sebastio, Maria Pia Sperandeo, Michele Panico, Raffaella de Franchis, Jan P. Kraus, and Generoso Andria

**I334 Discordance, in a Malignant Hyperthermia Pedigree, between In Vitro Contracture-Test Phenotypes and Haplotypes for the MHS1 Region on Chromosome 19q12-13.2, Comprising the C1840T Transition in the RYR1 Gene**

T. Deufel, R. Sudbrak, Y. Feist, B. Rübsam, I. Du Chesne, K.-L. Schäfer, N. Roewer, T. Grimm, F. Lehmann-Horn, E. J. Hartung, and C. R. Müller

**I343 Molecular Analysis of the Acid Sphingomyelinase Deficiency in a Family with an Intermediate Form of Niemann-Pick Disease**

K. Ferlinz, R. Hurwitz, M. Weiler, K. Suzuki, K. Sandhoff, and M. T. Vanier

**I350 Molecular Mapping of a Recombination Hotspot Located in the Second Intron of the Human TAP2 Locus**

Michael Cullen, Henry Erlich, William Klitz, and Mary Carrington

**I359 CFTR Haplotype Analysis Reveals Genetic Heterogeneity in the Etiology of Congenital Bilateral Aplasia of the Vas Deferens**

Naama Rave-Harel, Igael Madgar, Ran Goshen, Malka Nissim-Rafinia, Anuar Ziadni, Ayelet Rahat, Ornit Chiba, Yoram M. Kalman, Chaim Brautbar, David Levinson, Arie Augarten, Eitan Kerem, and Batsheva Kerem

**I367 Origin of the Polymorphism of the Involucrin Gene in Asians**

P. Djian, B. Delhomme, and H. Green

**I373 New Founder Haplotypes at the Myotonic Dystrophy Locus in Southern Africa**

Andrea Goldman, Michele Ramsay, and Trefor Jenkins

**I379 Relationship of the Apolipoprotein E Polymorphism with Carotid Artery Atherosclerosis**

Mariza de Andrade, Inder Thandi, Spencer Brown, Antonio Gotto, Jr., Wolfgang Patsch, and Eric Boerwinkle

**1391 Molecular Definition of the 22q11 Deletions in Velo-Cardio-Facial Syndrome**

Bernice Morrow, Rosalie Goldberg, Christine Carlson, Ruchira Das Gupta, Howard Sirokin, John Collins, Ian Dunham, Hilary O'Donnell, Peter Scambler, Robert Shprintzen, and Raju Kucherlapati

**1404 Evidence for a Distinct Region Causing a Cat-Like Cry in Patients with 5p Deletions**

M. Gersh, S. A. Goodart, L. M. Pasztor, D. J. Harris, L. Weiss, and J. Overhauser

**1411 Identification of a Yeast Artificial Chromosome Clone Spanning a Translocation Breakpoint at 7q32.1 in a Smith-Lemli-Opitz Syndrome Patient**

Tiffany L. Alley, Brian A. Gray, Sung-Hae Lee, Stephen W. Scherer, Lap-Chee Tsui, G. Stephen Tint, Charles A. Williams, Roberto Zori, and Margaret R. Wallace

**1417 Preferential Localization of the Limb-Girdle Muscular Dystrophy Type 2A Gene in the Proximal Part of a 1-cM 15q15.1-q15.3 Interval**

V. Allamand, O. Broux, I. Richard, F. Fougerousse, N. Chiannilkulchai, N. Bourg, L. Brenguier, C. Devaud, P. Pasturaud, A. Pereira de Souza, C. Roudaut, J. A. Tischfield, P. M. Conneally, M. Fardeau, D. Cohen, C. E. Jackson, and J. S. Beckmann

**1431 A Common Gene for Juvenile and Adult-Onset Primary Open-Angle Glaucomas Confined on Chromosome 1q**

Jean Morissette, Gilles Côté, Jean-Louis Anctil, Micheline Plante, Marcel Amyot, Elise Héon, Graham E. Trope, Jean Weissenbach, and Vincent Raymond

**1443 Familial Periodic Cerebellar Ataxia without Myokymia Maps to a 19-cM Region on 19p13**

Bin Tean Teh, Peter Silburn, Kerstin Lindblad, Regina Betz, Richard Boyle, Martin Schalling, and Catharina Larsson

**1450 Mitochondrial and Nuclear Genetic Contribution of Female Founders to a Contemporary Population of Northeast Québec**

Evelyne Heyer

**1456 Reproductive Failure and the Major Histocompatibility Complex**

Kun Jin, Hong-Nerng Ho, Terence P. Speed, and Thomas J. Gill III

**1468 Proportion of Genome Shared Identical by Descent by Relatives: Concept, Computation, and Applications**

Sun-Wei Guo

**1477 A Survey of DNA Diagnostic Laboratories Regarding DNA Banking**

Jean E. McEwen and Philip R. Reilly

**1487 Forensic DNA Data Banking by State Crime Laboratories**

Jean E. McEwen

**1493 Attitudes toward Genetic Testing among the General Population and Relatives of Patients with a Severe Genetic Disease: A Survey from Finland**

Marja Hietala, Anu Hakonen, Arja R. Aro, Pirkko Niemelä, Leena Peltonen, and Pertti Aula

**Letters to the Editor****1501 Surgical Intervention in Achondroplasia**

Richard M. Pauli

**1502 Schizophrenia and Chromosomal Deletions within 22q11.2**

Elizabeth A. Lindsay, Michael A. Morris, Arnaud Gos, Gerald Nestadt, Paula S. Wolyniec, Virginia K. Lasseter, Robert Shprintzen, Stylianos E. Antonarakis, Antonio Baldini, and Ann E. Pulver

**1503 Pitfalls of Paternity Testing Based Solely on PCR Typing of Minisatellites and Microsatellites**

Sérgio D. J. Pena

**1505 Reply to Pena**

George C. Maha, James M. Mason, Gary M. Stuhlmiller, and Uwe Heine

**1506 Computer Programs for Multilocus Haplotyping of General Pedigrees**

Daniel E. Weeks, Eric Sobel, Jeffrey R. O'Connell, and Kenneth Lange

**Book Review****1508 Muscular Dystrophy: The Facts.** By Alan E. H. Emery

Reviewed by Melanie Pepin

**Announcements****1509 Employment and Fellowship Opportunities; Grants for Travel and Research; Workshop; 9th International Congress of Human Genetics; Aging Cell Repository; CEPH Genotype Database; Call for Cases****1512 Errata****1513 Author Index to Volume 56****1521 Subject Index to Volume 56****1531 Contents of Volume 56****Information for Contributors**

## Information for Contributors

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*Thesis/Dissertation:* Khoury MJ (1985) A genealogical study of inbreeding and prereproductive morality in the Old Order of Amish. PhD thesis, Johns Hopkins University, Baltimore

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AMP = adenosine monophosphate

ATP = adenosine triphosphate

BrdUrd = bromodeoxyuridine

BSA = bovine serum albumin

cDNA = complementary DNA

CEPH = Centre d'Etude du Polymorphisme Humain

CMP = cytidine monophosphate

CNS = central nervous system

CTP = cytidine triphosphate

df = degree(s) of freedom

dNTP = dinucleotide triphosphate

DTT = dithiothreitol

DZ = dizygotic

EDTA = ethylenediaminetetraacetate

FCS = fetal calf serum

FISH = fluorescent(ce) *in situ* hybridization

FSH = follicle-stimulating hormone

GMP = guanosine monophosphate

GTP = guanosine triphosphate

mRNA = messenger RNA

mtDNA = mitochondrial DNA

MZ = monozygotic

NAD (NADH) = nicotinamide adenine dinucleotide

NADP = nicotinamide adenine dinucleotide phosphate

PAGE = polyacrylamide gel electrophoresis

PBS = phosphate-buffered saline

PCR = polymerase chain reaction

PIC = polymorphism information content

rDNA = ribosomal DNA

RFLP = restriction-fragment-length polymorphism

rRNA = ribosomal RNA

SD = standard deviation

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SDS = sodium dodecyl sulfate

SEM = standard error of the mean

SSC = saline sodium citrate

SSCP = single-strand(ed) conformation polymorphism

TMP = thymidine monophosphate

tRNA = transfer RNA

TSH = thyroid-stimulating hormone

TPP = thymidine triphosphate

UMP = uridine monophosphate

UTP = uridine triphosphate

UTR = untranslated region

UV = ultraviolet

VNTR = variable number of tandem repeats

YAC = yeast artificial chromosome

Report of the Nomenclature Committee" (*Cytogenet. Cell Genet.* 49:4–38, 1988), and Kidd et al. "Report of the Committee on Human Gene Mapping by Recombinant DNA Techniques" (*Cytogenet. Cell Genet.* 49:132–218, 1988). Symbols for human genes not included in the above may be obtained from P. J. McAlpine (cochair, HGM Nomenclature Committee), Department of Human Genetics, University of Manitoba, T250-770 Bannatyne Avenue, Winnipeg, Manitoba R3E 0W3, Canada; phone (204)788-6393; fax (204)786-8712; E-mail genmap@uofmcc.

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- Order of manuscript elements: title page, summary, text (Introduction, Material and Methods, Results, Discussion), acknowledgments, appendixes, references, tables, figure legends
- Summary: no more than 275 words
- Acknowledgment: all sources of support and those who have made substantive contributions to the work reported
- References: check for accuracy, completeness, and proper style in text and reference list; include up to 7 authors' names and "et al." if more than 7 authors
- Tables: *fully double spaced, no vertical or horizontal lines*; include title and footnotes with table
- Figures: 3 copies, labeled; observe all guidelines; figure legends on a separate page, double spaced
- Authorization for citation of unpublished data, personal communications, etc.
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# The American Society of Human Genetics

October 24-28, 1995 • Minneapolis, Minnesota

Preliminary plans include sessions on the following topics:

- **DISTINGUISHED SPEAKERS' SYMPOSIUM**

After the Genome Project

- **SYMPOSIA**

Maternal Serum Screening: Issues in Clinical Practice

Modern Human Origins: Perspectives from Y Chromosomal,  
Mitochondrial and Autosomal DNA Studies

Genetic Disorders of Host Defenses

Evaluating Genetic Services: Analyzing Outcomes and  
Cost-Effectiveness

Cell Cycle Genes and Cancer

DNA Forensics

PCR 10 Years Later: Approaching the Inconceivable

- **WORKSHOPS**

User Friendly Computer Access to Genetics Information

Effect of Genetic Disease on Reproduction and Pregnancy

Role of Fibroblast Growth Factor and Its Receptors in  
Human Morphogenesis

Neural Tube Defects: New Insights into an Old Problem

Clinical Application of FISH: Are There Diagnostic Standards?

Genetic Testing in Children and Adolescents: Ethical,  
Legal and Social Issues

Genetics of Alcoholism

- **EDUCATION SESSIONS**

Mendel's Pea Soup: Dissecting the Genetics of  
Common Disease

Update on the Genome Project

Mammalian Embryology and Morphogenesis

Treatment of Genetic Disease

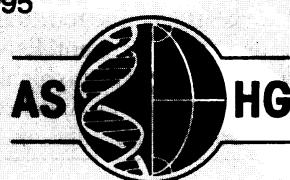
- **GENETIC AWARENESS SYMPOSIUM**

Genetic Counseling and Medical Ethics: Into the 21st Century

**DEADLINE FOR RECEIPT OF ADVANCE  
REGISTRATION FORMS: AUGUST 25, 1995**

Deadline for receipt of abstracts was June 2, 1995

Contact: Marsha Ryan, Meetings Manager  
The American Society of Human Genetics  
9650 Rockville Pike  
Bethesda, Maryland 20814-3998  
Telephone: (301) 571-1825 Fax: (301) 530-7079



**45th ANNUAL MEETING**

**1995 MEMBERSHIP APPLICATION • AMERICAN SOCIETY OF HUMAN GENETICS**  
**9650 Rockville Pike / Bethesda, Maryland 20814-3998 / (301) 571-1825 / Fax (301) 530-7079**

Please see over for description of membership categories. Mail completed application (signed by sponsor) and remittance to the above address. Type or print.

Name \_\_\_\_\_ Degree(s) \_\_\_\_\_  
 Last \_\_\_\_\_ First \_\_\_\_\_ Middle \_\_\_\_\_  
 Department \_\_\_\_\_  
 Institution \_\_\_\_\_  
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 City, state, zip, country \_\_\_\_\_  
 Telephone (\_\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_\_) \_\_\_\_\_ E-mail Address \_\_\_\_\_  
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**Sponsorship:** The bylaws require the signature of a member in good standing who supports this application. Please have your sponsor sign below and print name and affiliation. (Sponsors of students verify herewith that the applicant is a bona fide graduate student or postdoctoral fellow.)

Sponsor signature \_\_\_\_\_ Printed name \_\_\_\_\_  
 Sponsor affiliation \_\_\_\_\_

**Signature and membership start date:** I, the undersigned, wish my membership in the American Society of Human Genetics to begin (check one):  
 \_\_\_\_ January 1, 1995 or \_\_\_\_ January 1, 1996.

I will receive all applicable subscriptions beginning in January of the calendar year indicated above.

Applicant's signature \_\_\_\_\_

Date \_\_\_\_\_

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was organized in 1948. Its purpose is to encourage research in human genetics and to bring into closer association investigators in Canada, Mexico, and the United States who are interested in human genetic research and related issues. The present bylaws were adopted in 1987. The board of directors consists of the president, president-elect, secretary, treasurer, editor, the two most recent past presidents, and nine other directors.

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